

20A

15F

19

Al_{0.9}Ga_{0.1}As/GaAs 18

GaAs 16

AlAs/GaAs 12

n-GaAs 11

n⁺ 21

20

17

13

Ga_{0.5}In_{0.5}P

GaAs 15b

Ga_{0.6}In_{0.39}As TQW 15a

FIG. 2

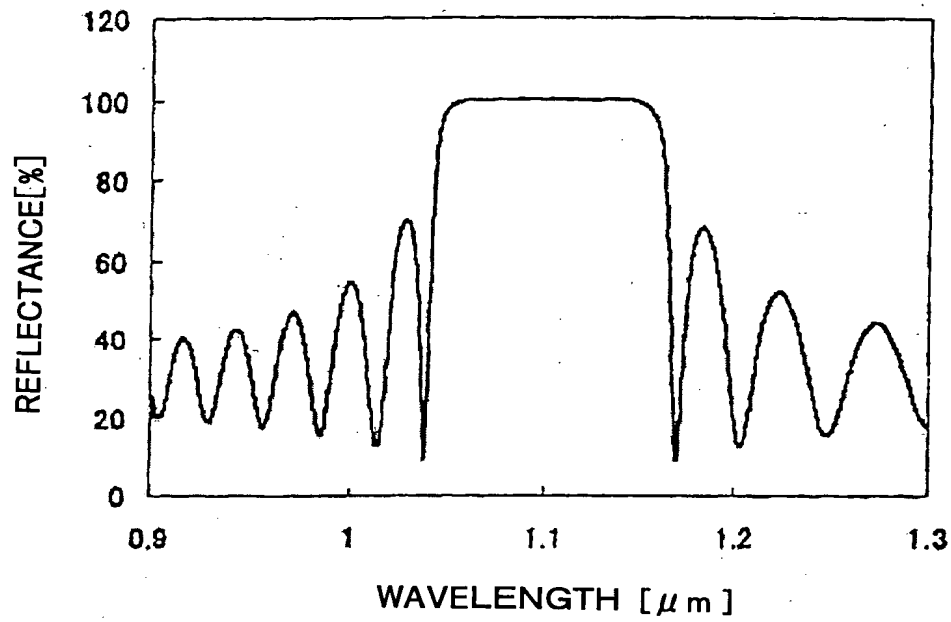


FIG. 3

18 (12)

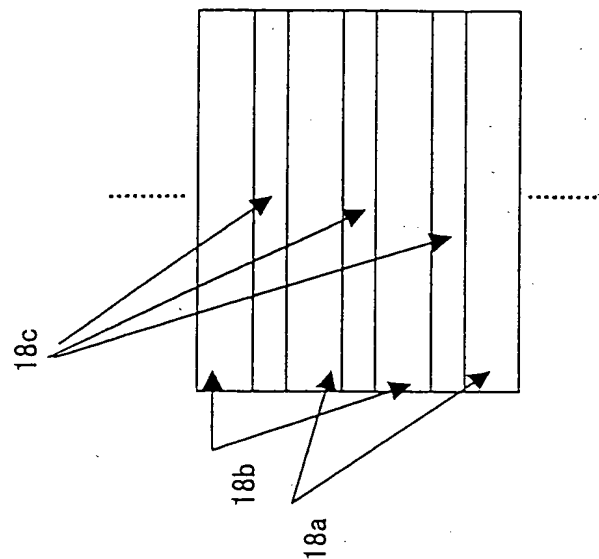


FIG. 4

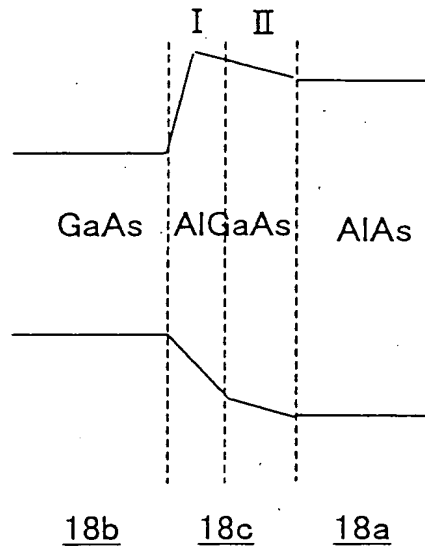


FIG. 5

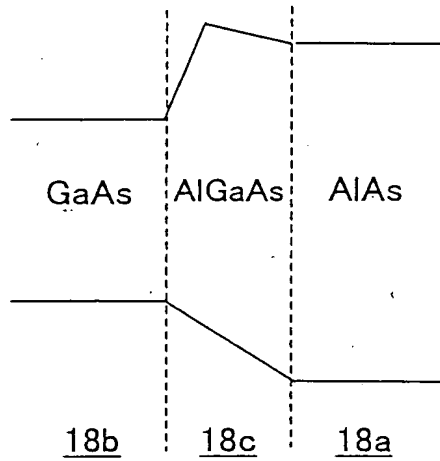


FIG. 6

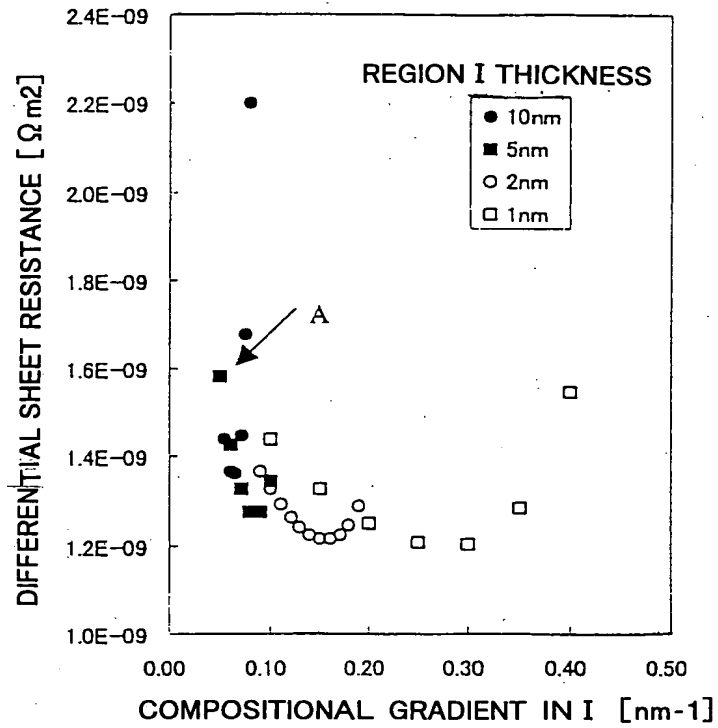


FIG. 7



FIG. 8



FIG. 9

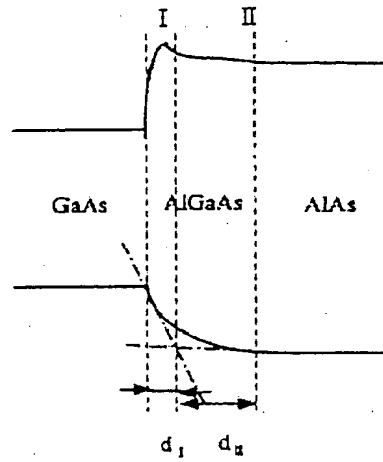


FIG. 10

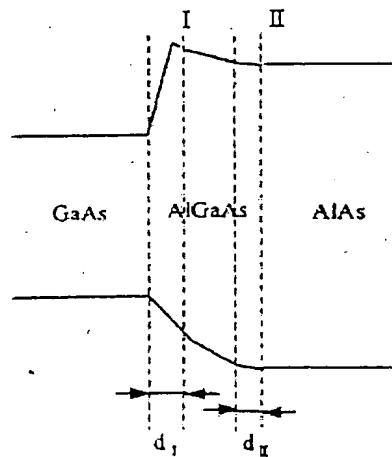


FIG. 11

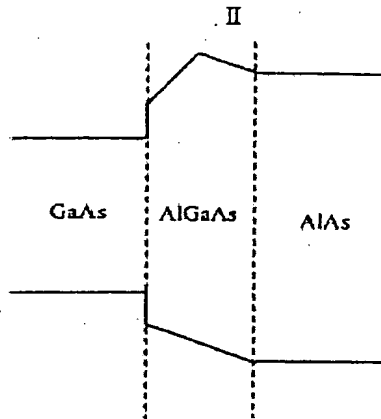


FIG. 12

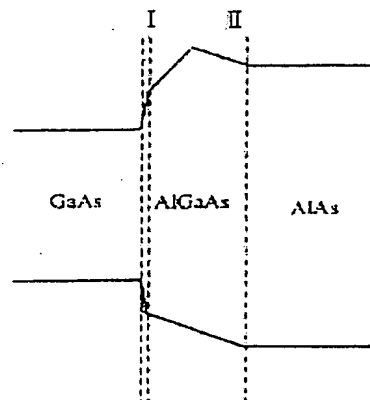


FIG. 13

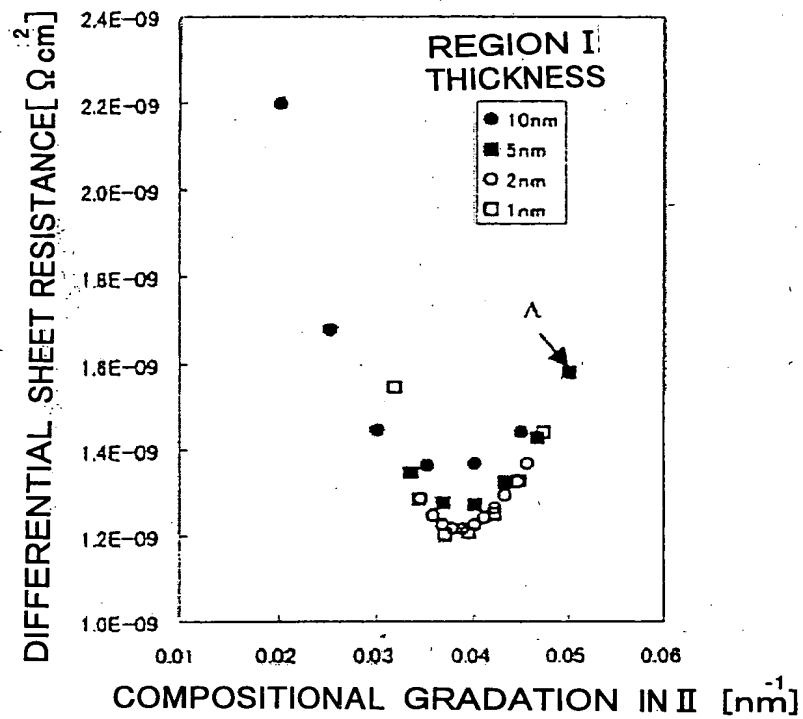


FIG. 14

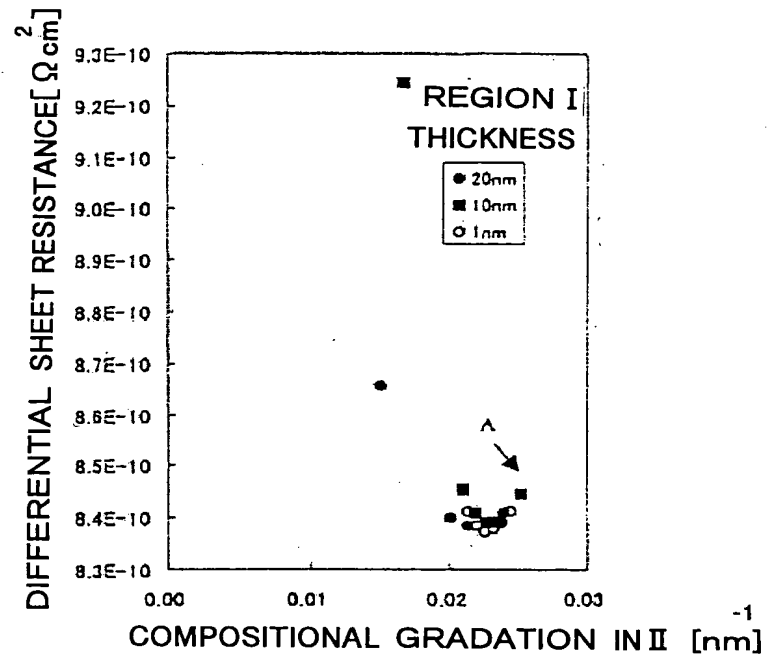


FIG. 15

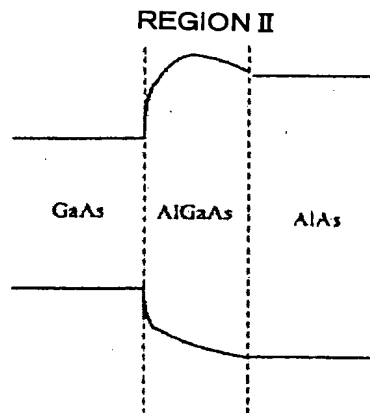


FIG. 16

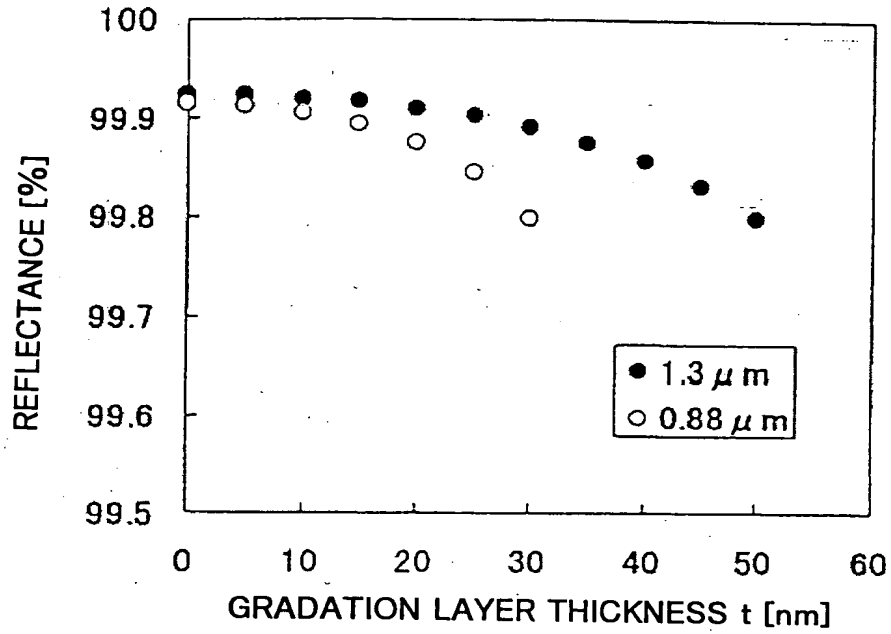


FIG. 17

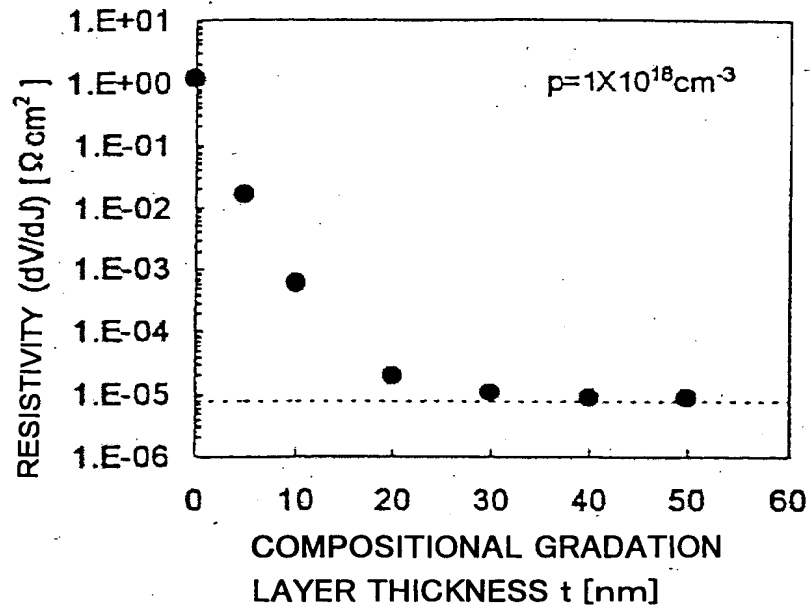


FIG. 18

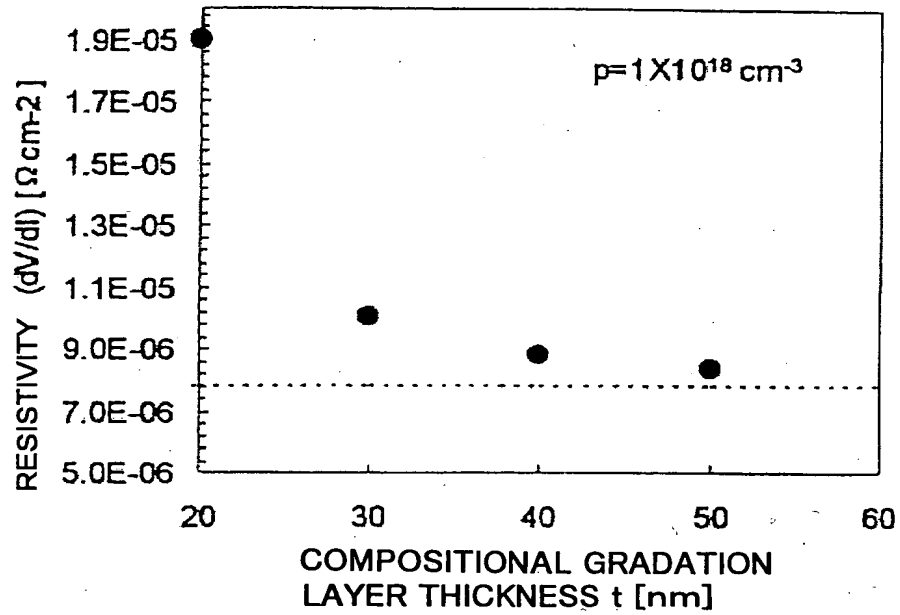


FIG. 19

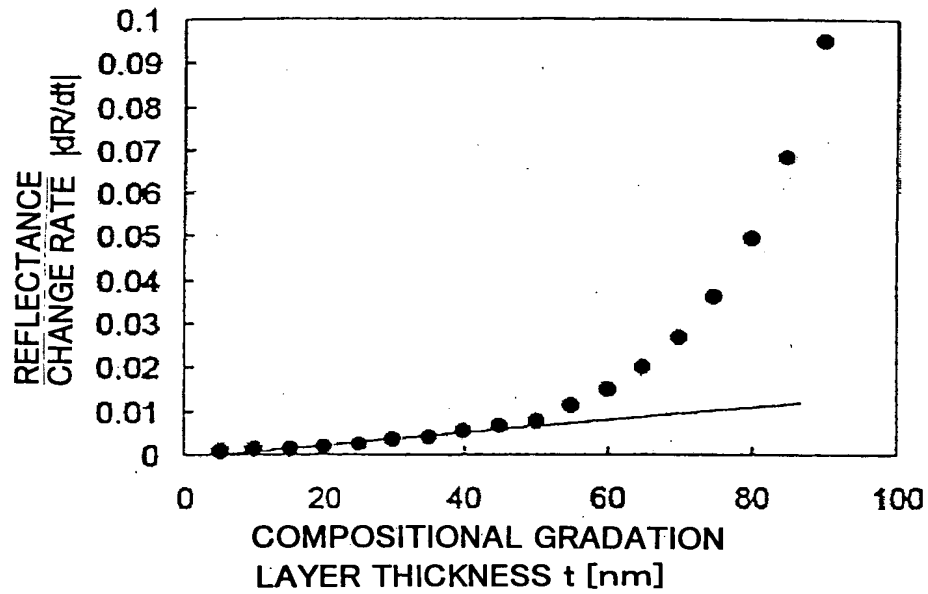


FIG. 20

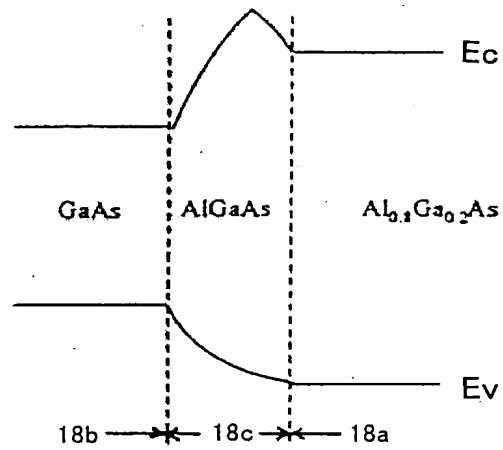


FIG. 21

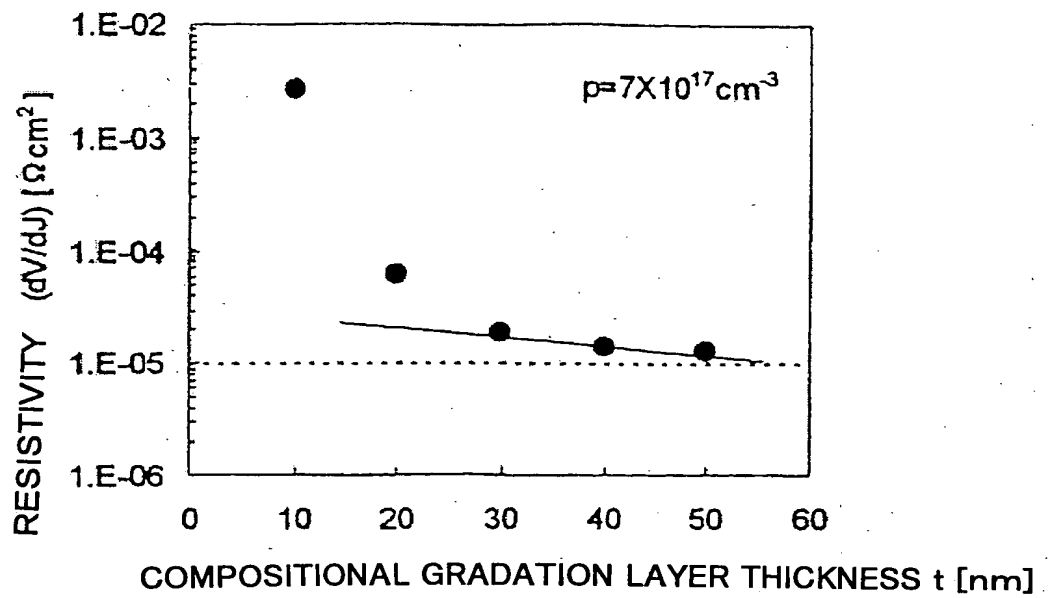


FIG. 22

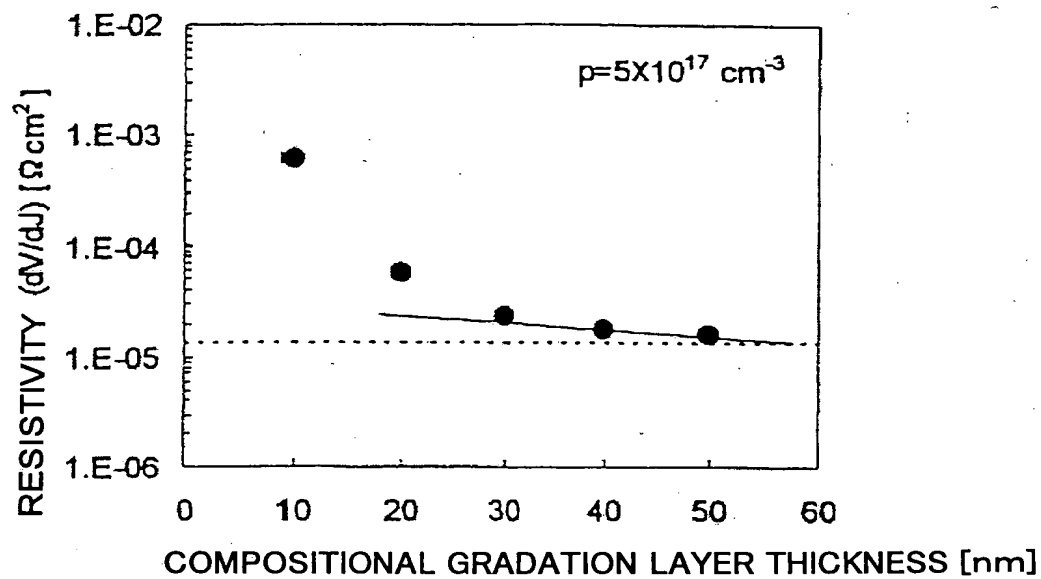


FIG. 23

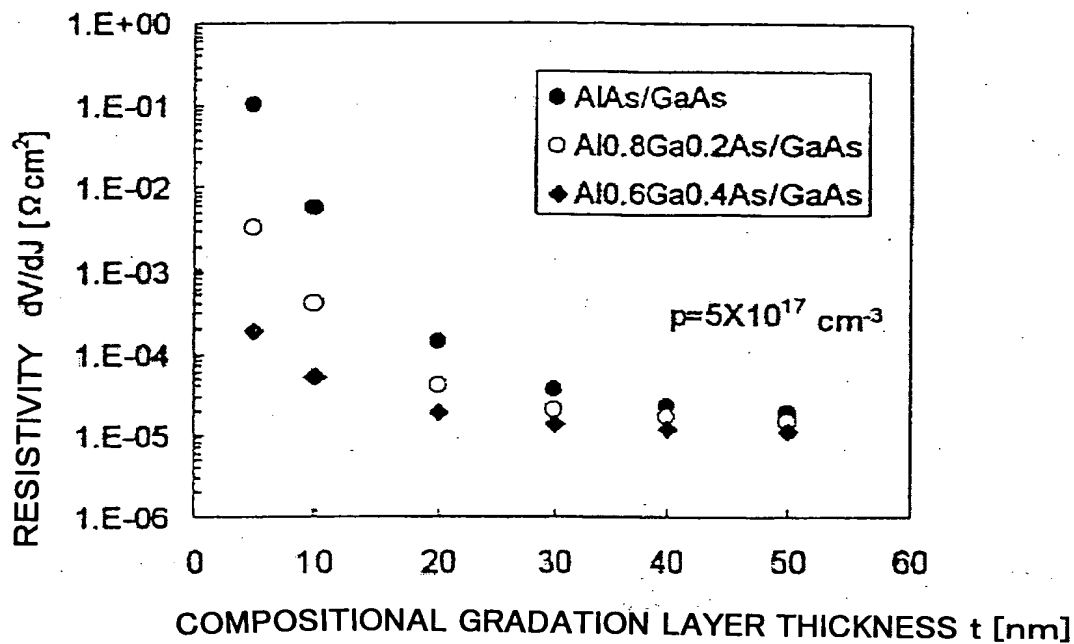


FIG. 24

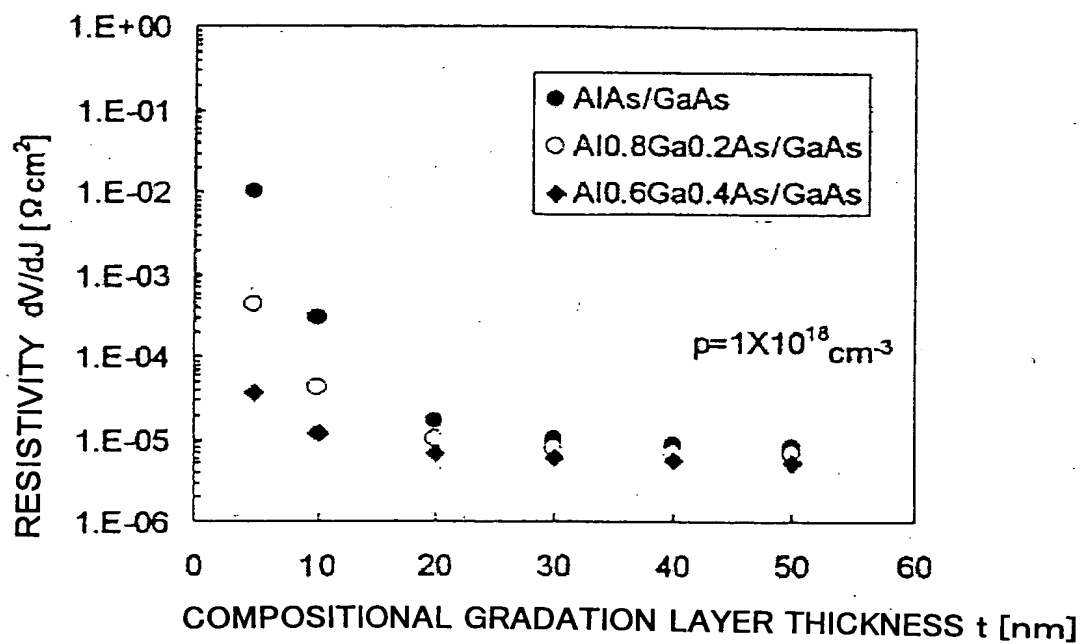


FIG. 25

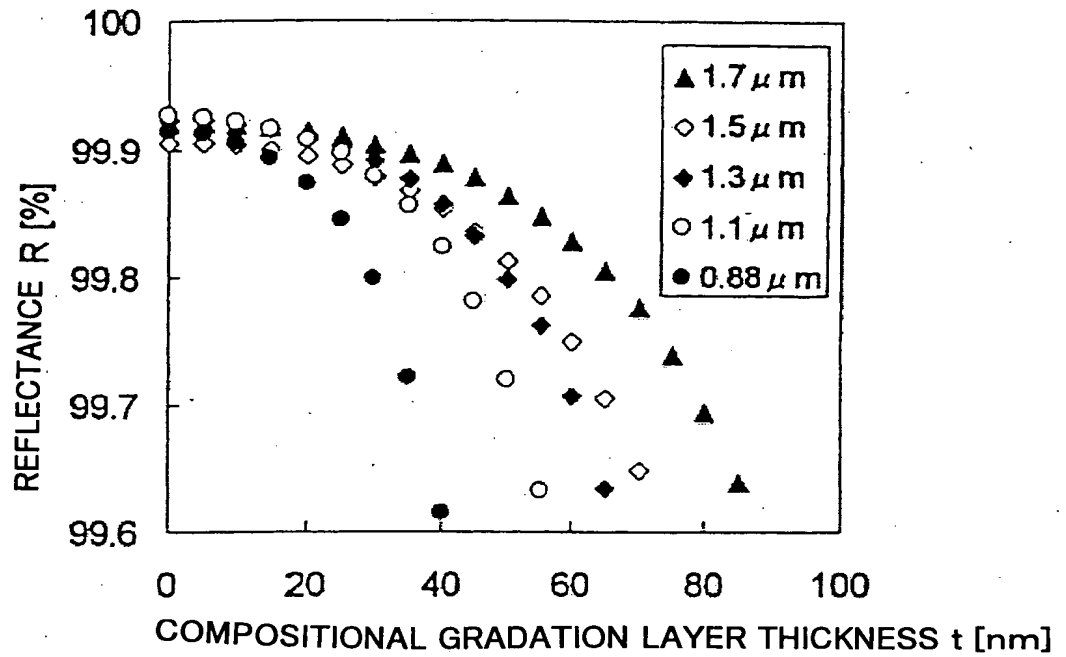


FIG. 26

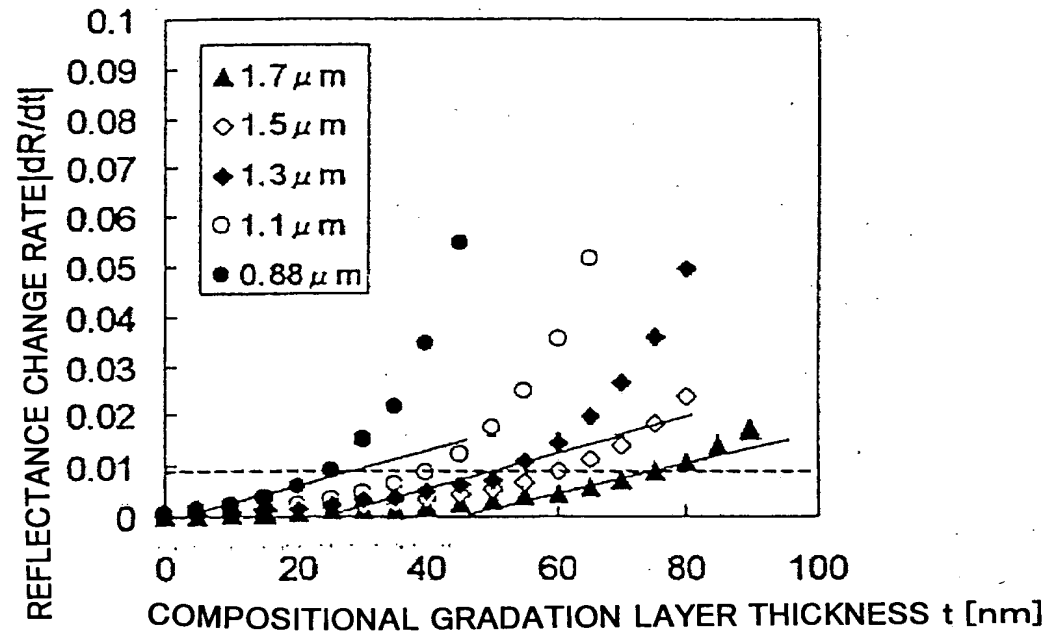


FIG. 28

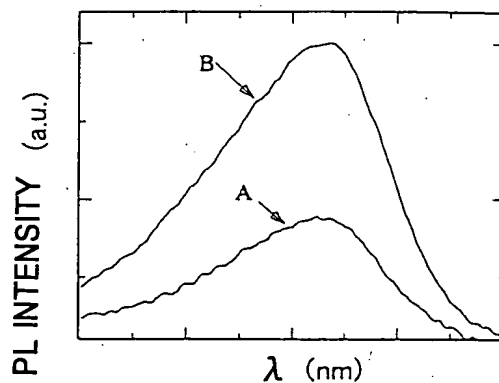
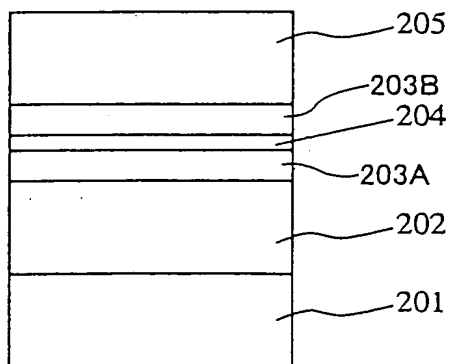


FIG. 29



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FIG. 30

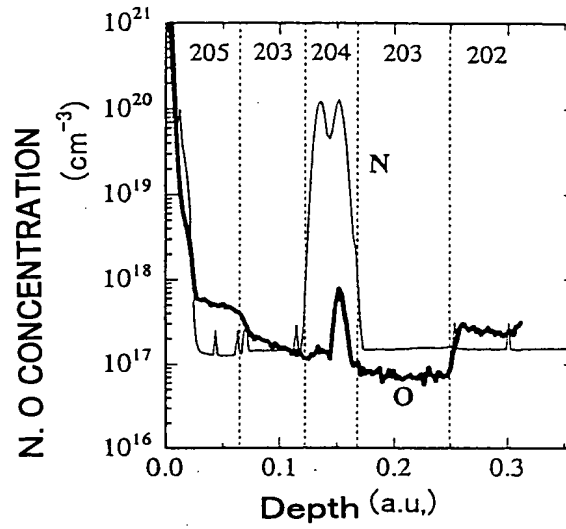


FIG. 31

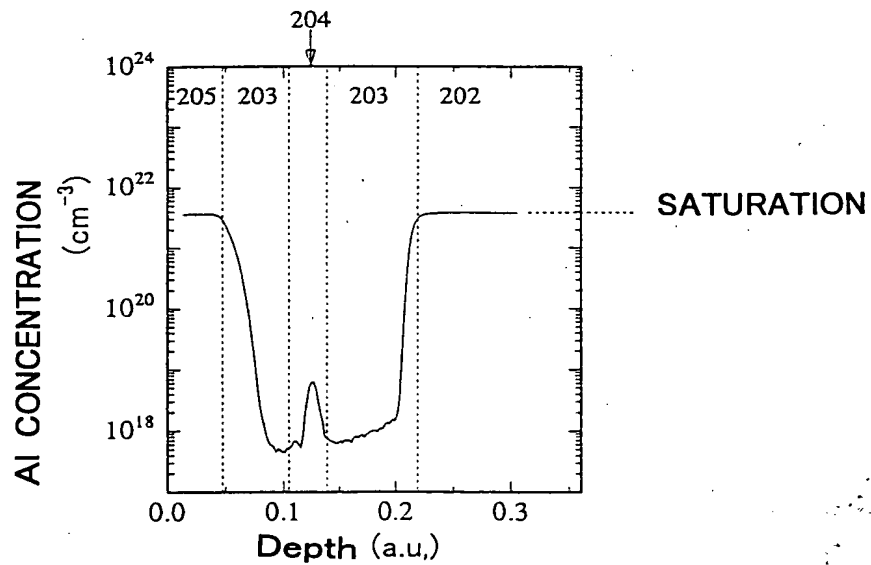


FIG. 32

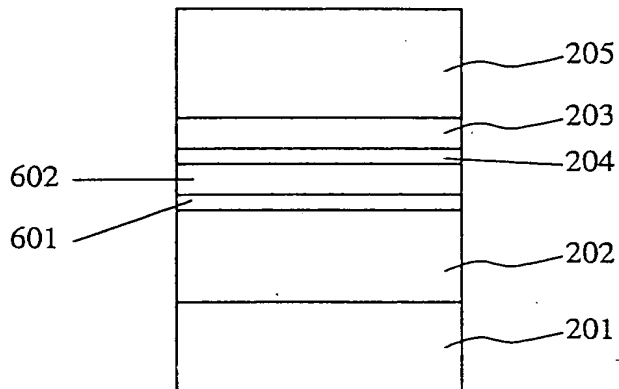


FIG. 33

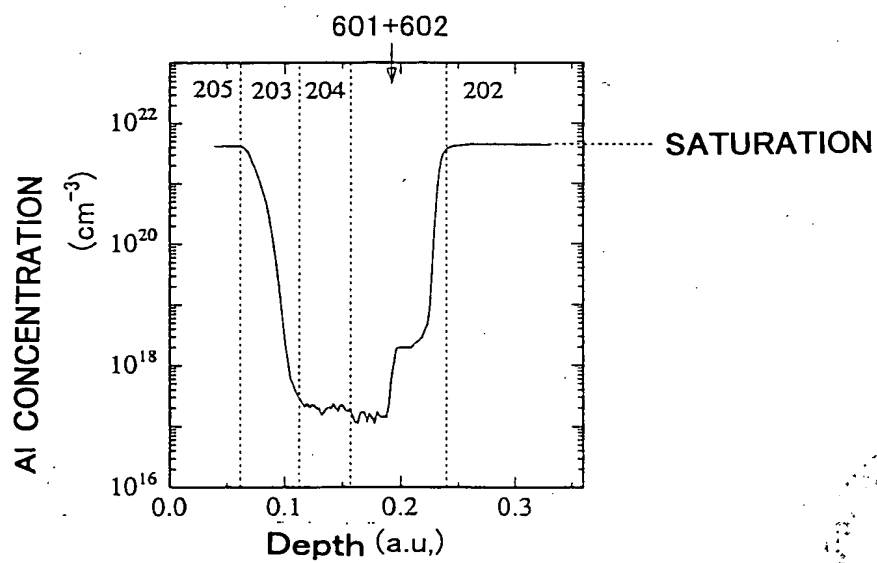


FIG. 34

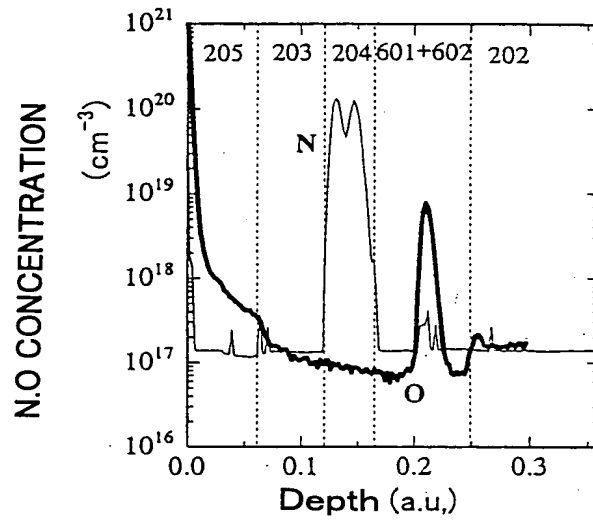


FIG. 35

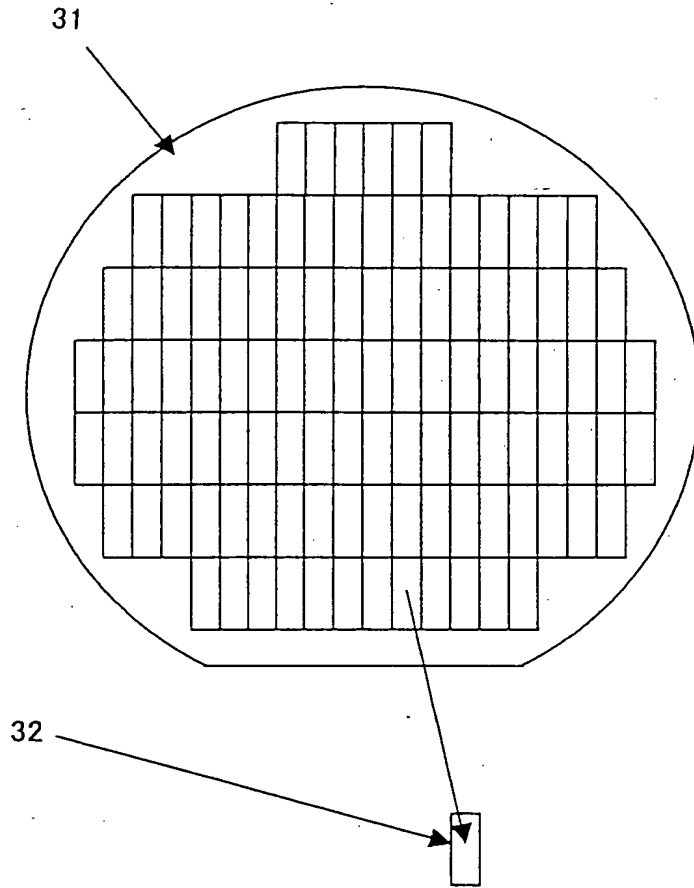


FIG. 36

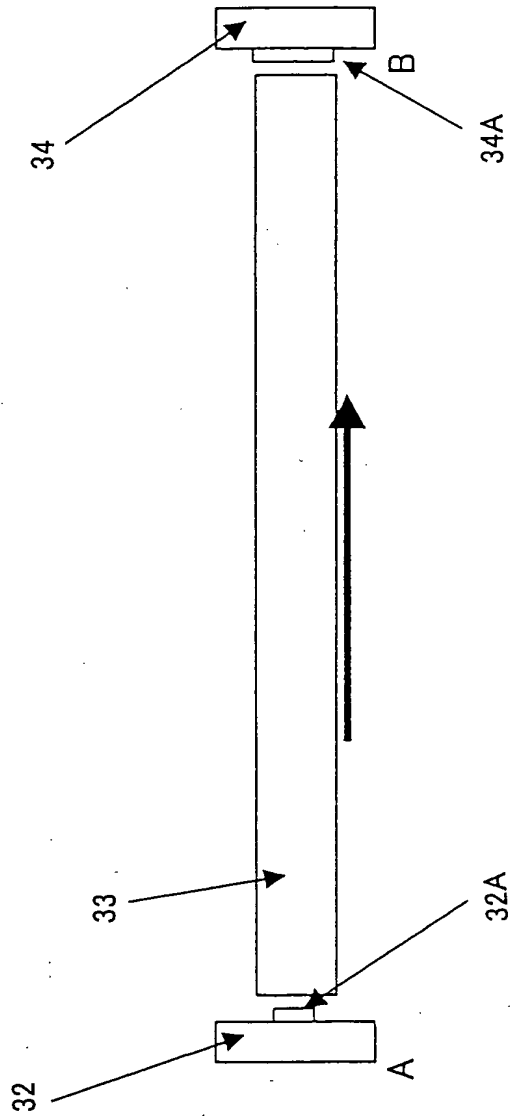


FIG. 37

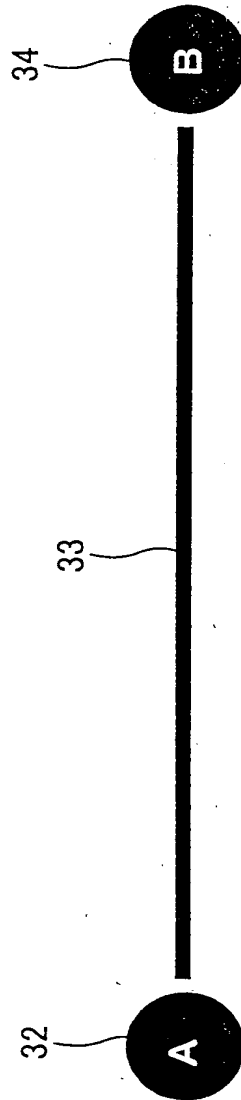


FIG. 38

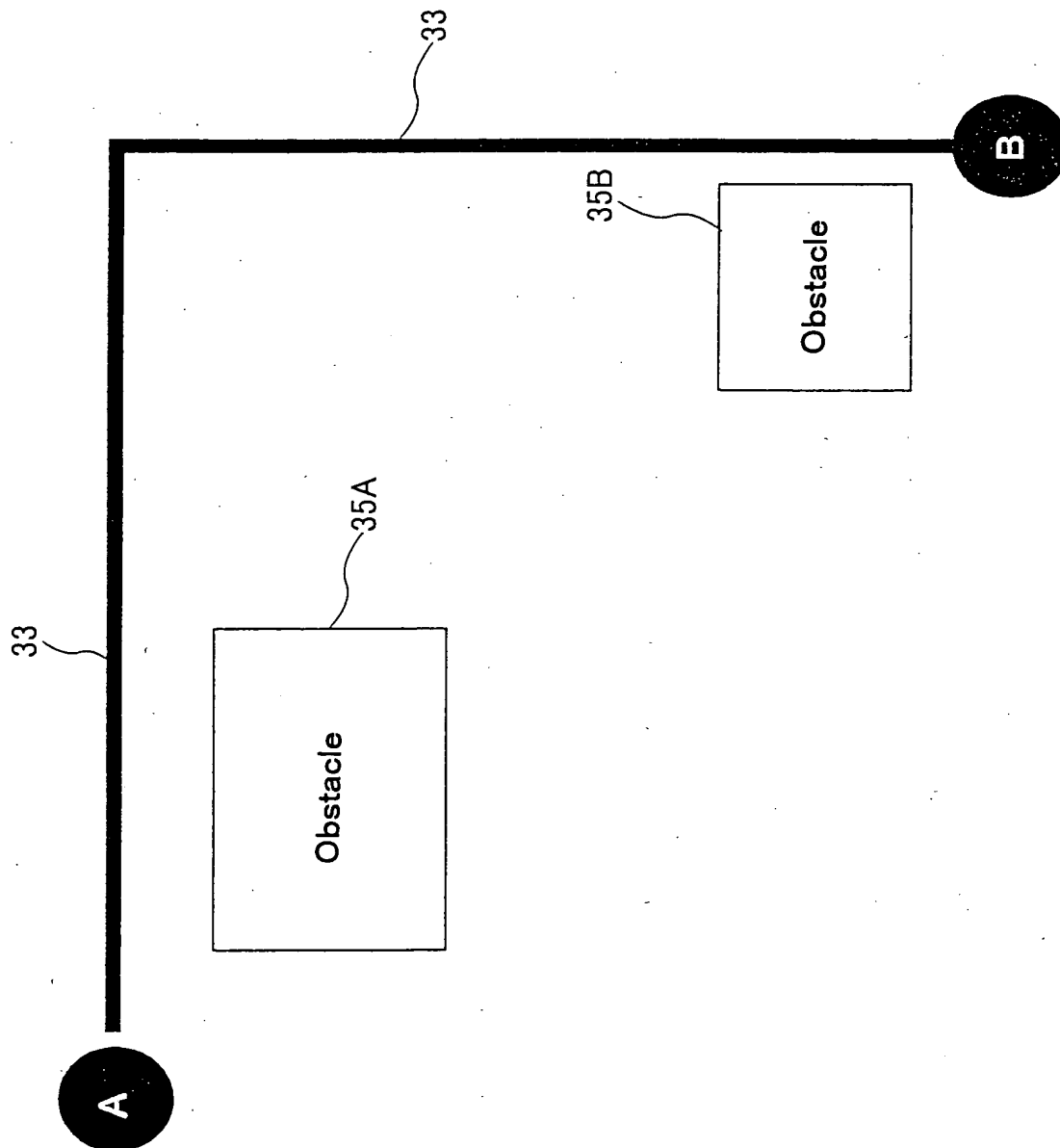
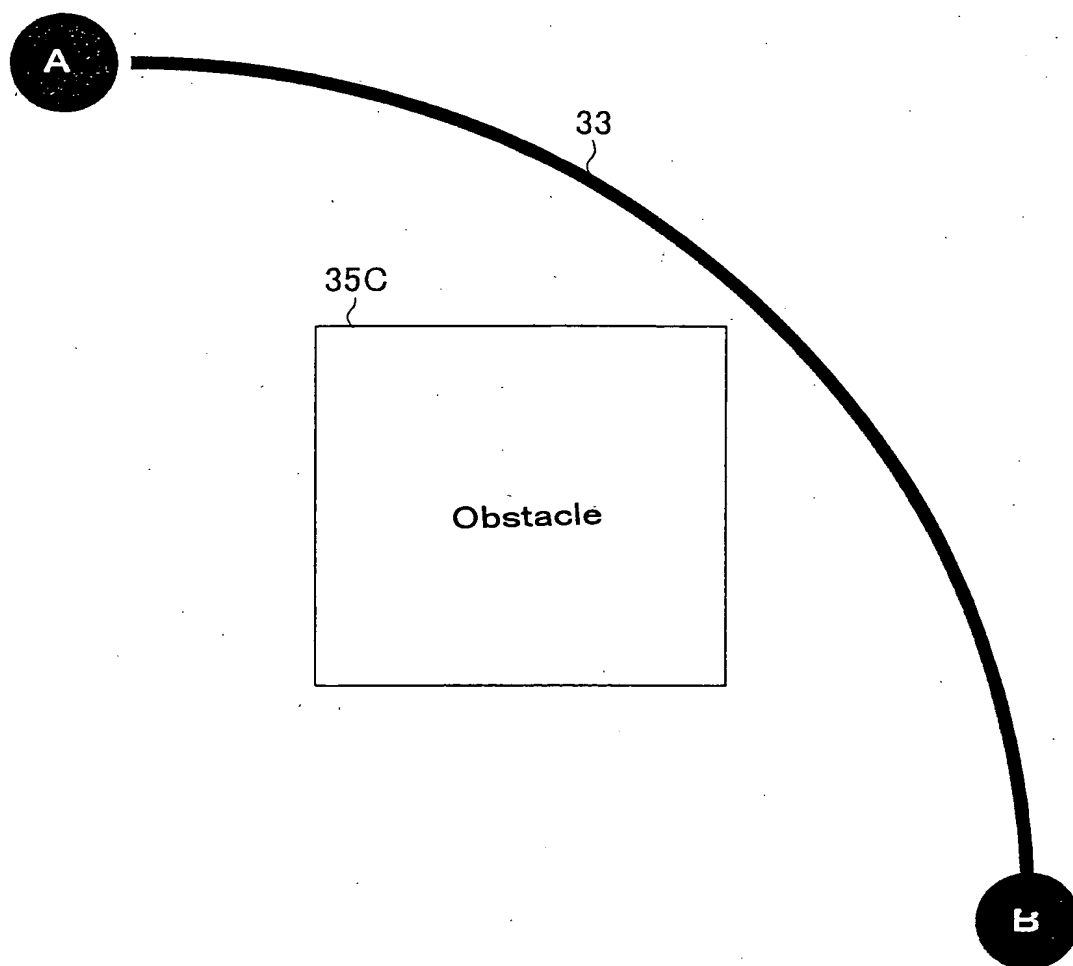


FIG. 39



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FIG. 40

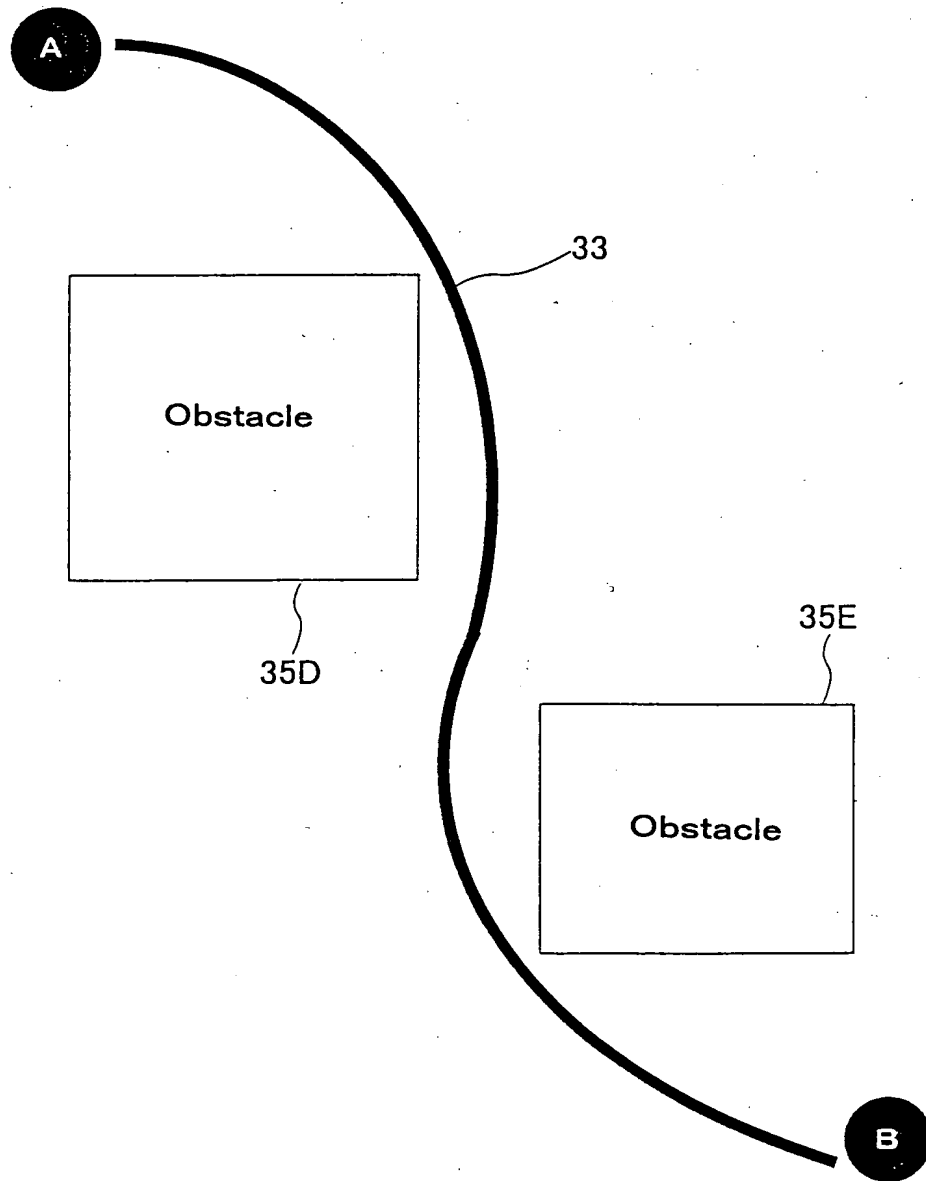


FIG. 41

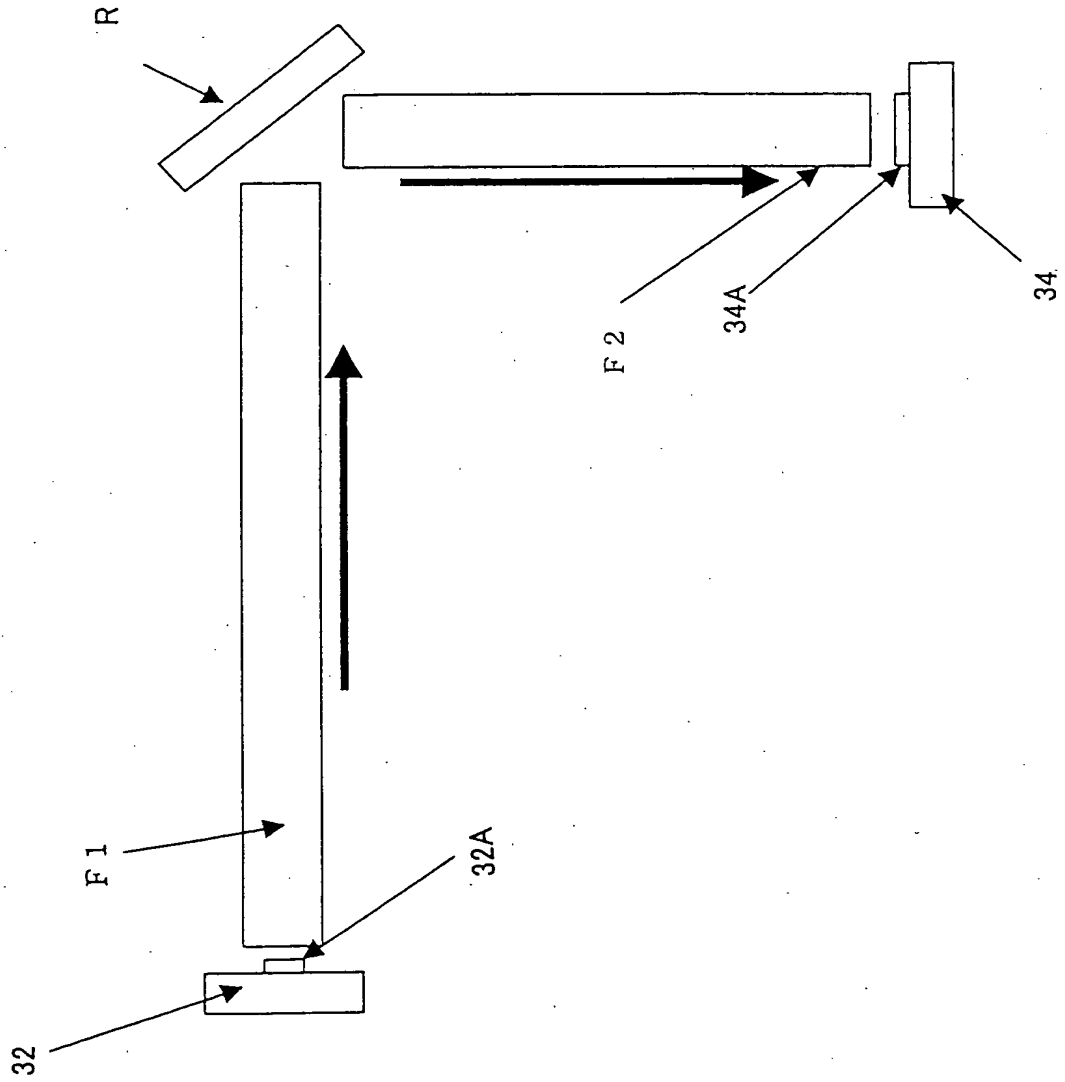


FIG. 42

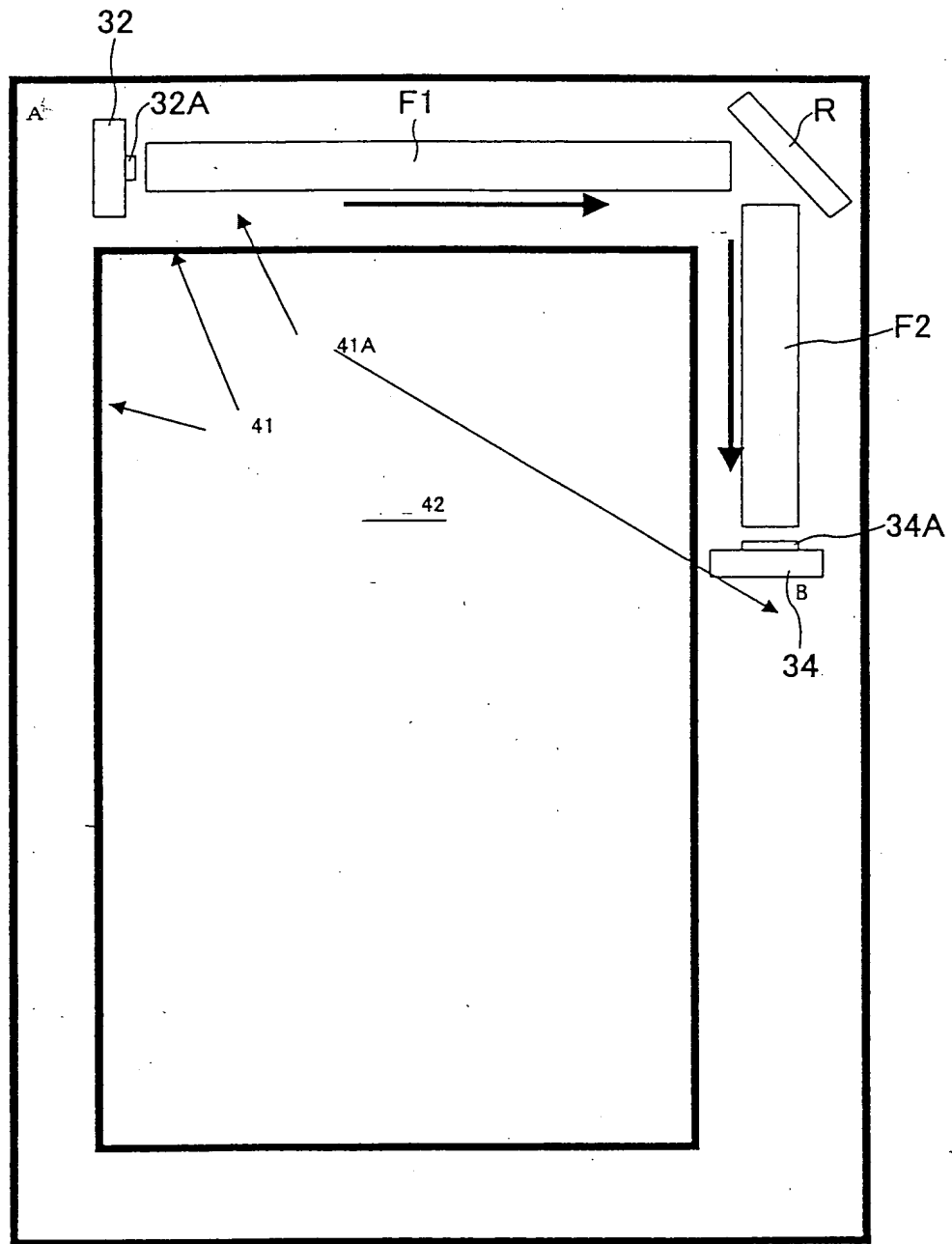


FIG. 43

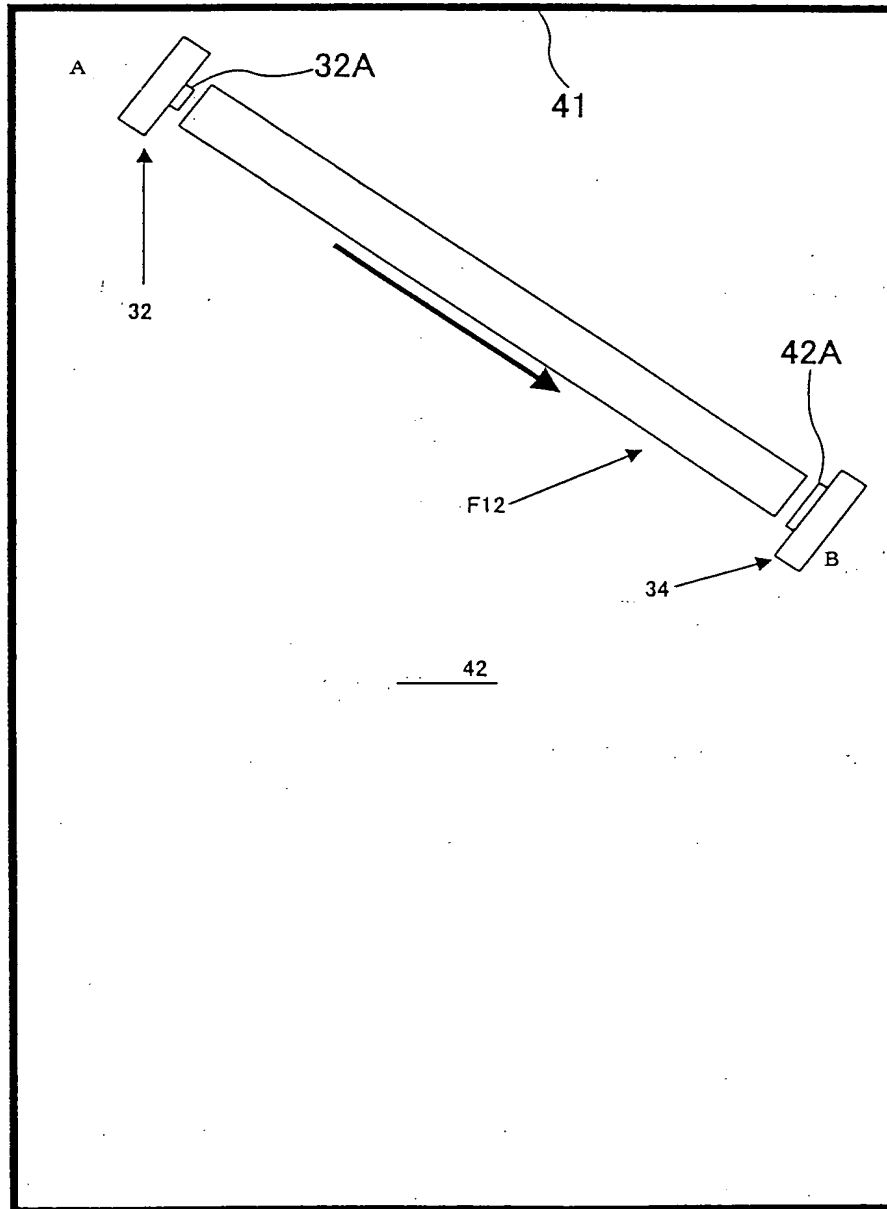


FIG. 44

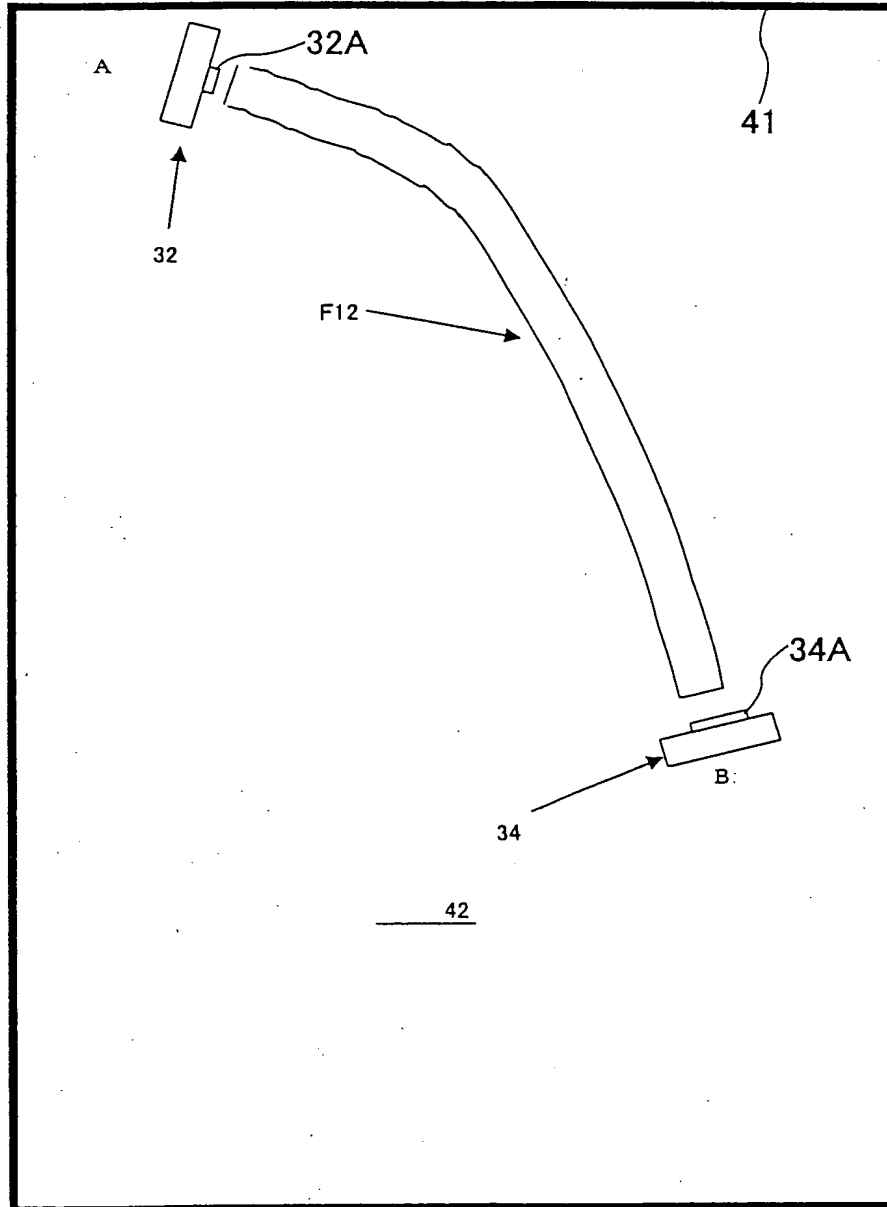
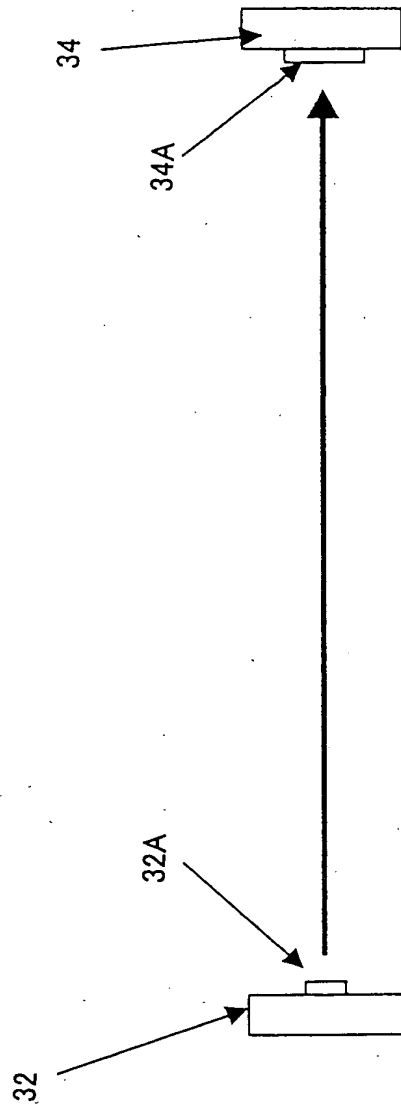


FIG. 45



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FIG. 46

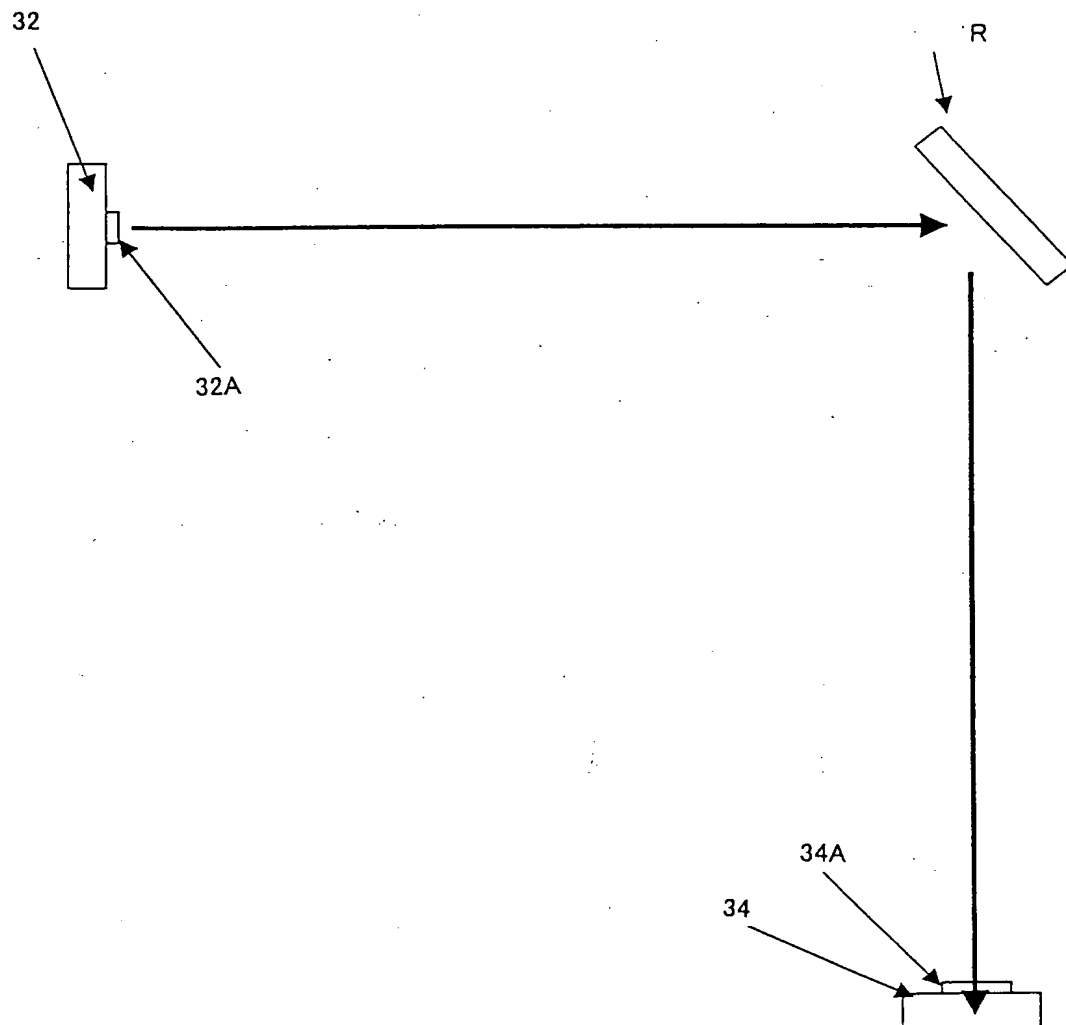


FIG. 47

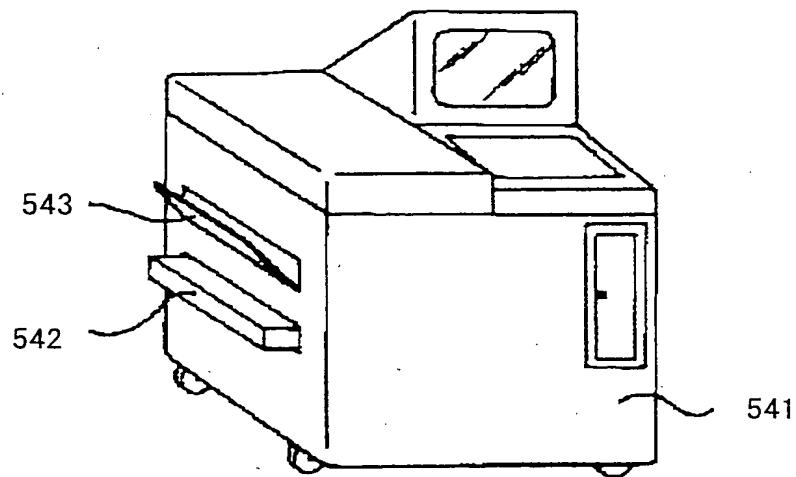


FIG. 48

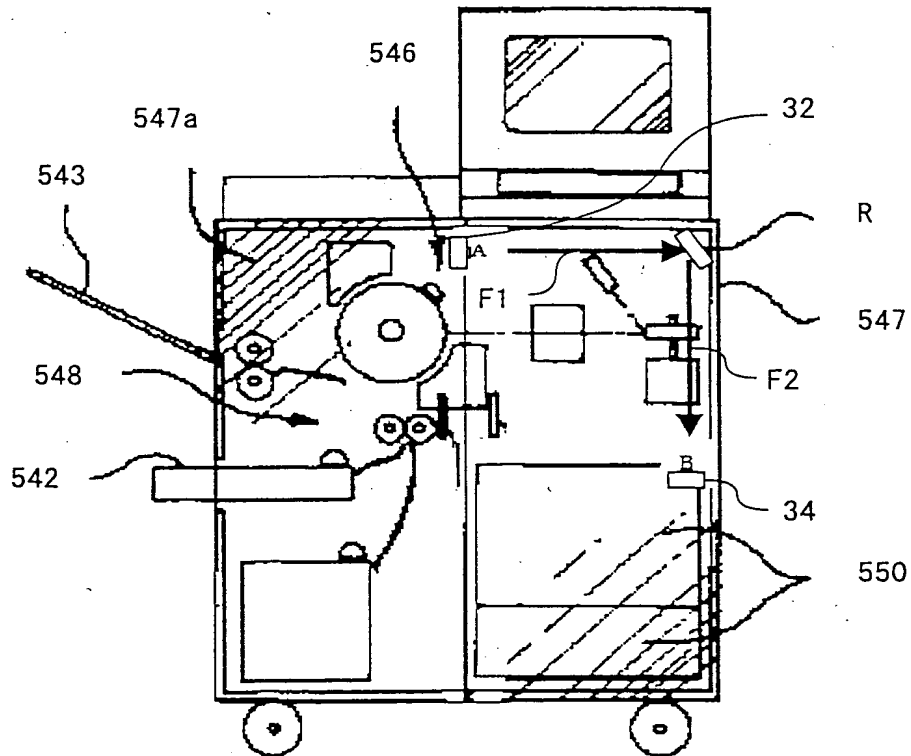


FIG. 49

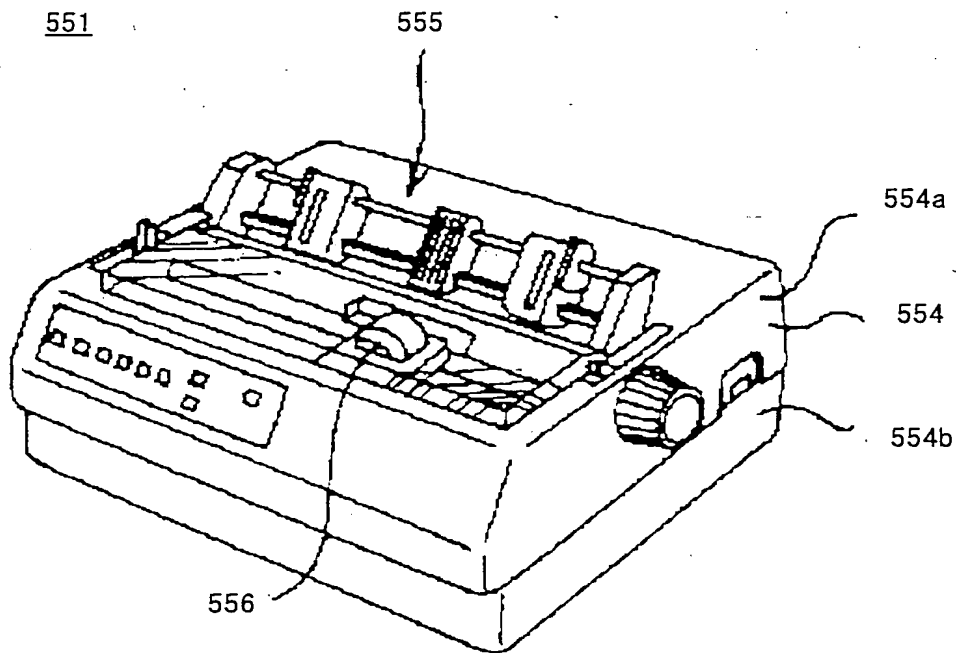


FIG. 50

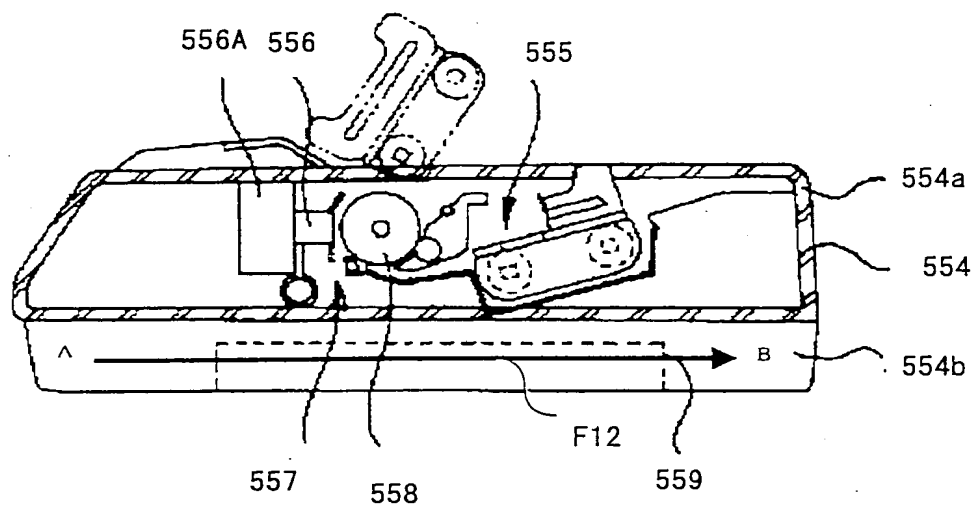


FIG. 51

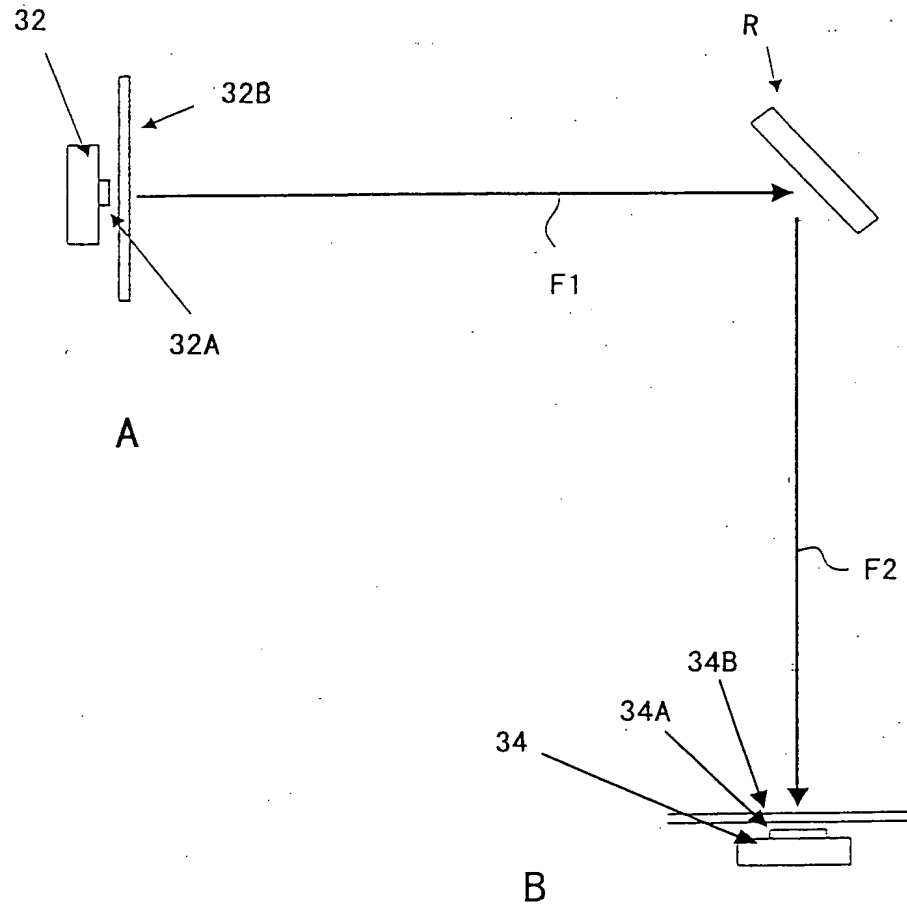


FIG. 52

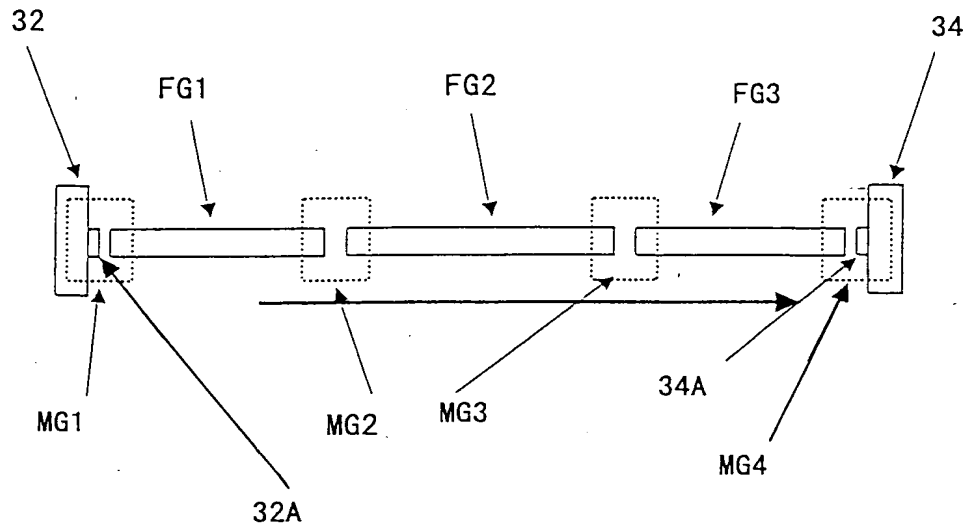


FIG. 53

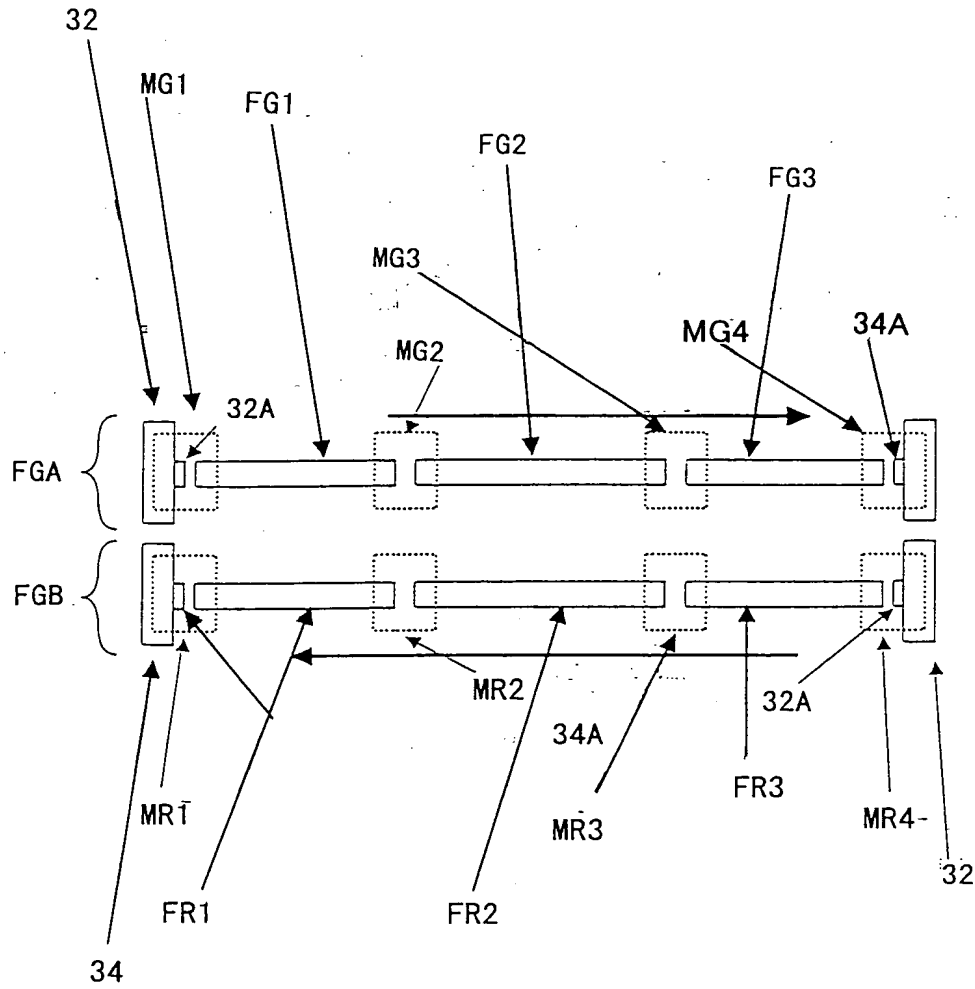


FIG. 54

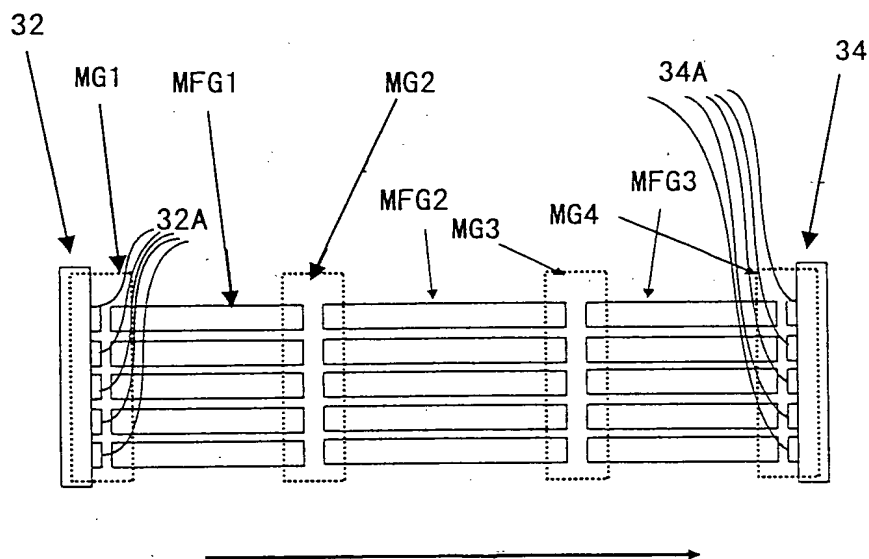


FIG. 55

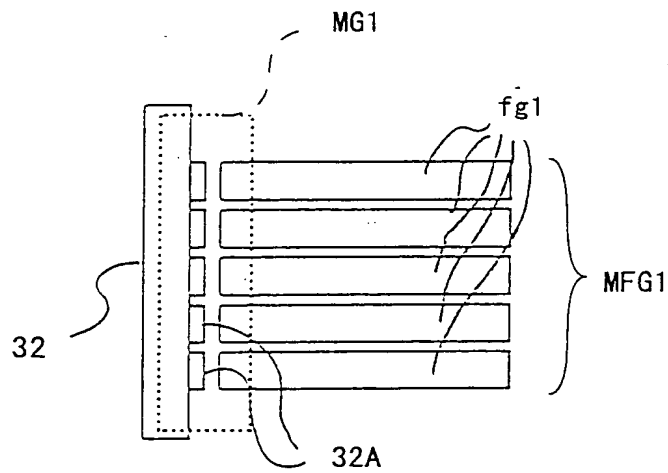


FIG. 56

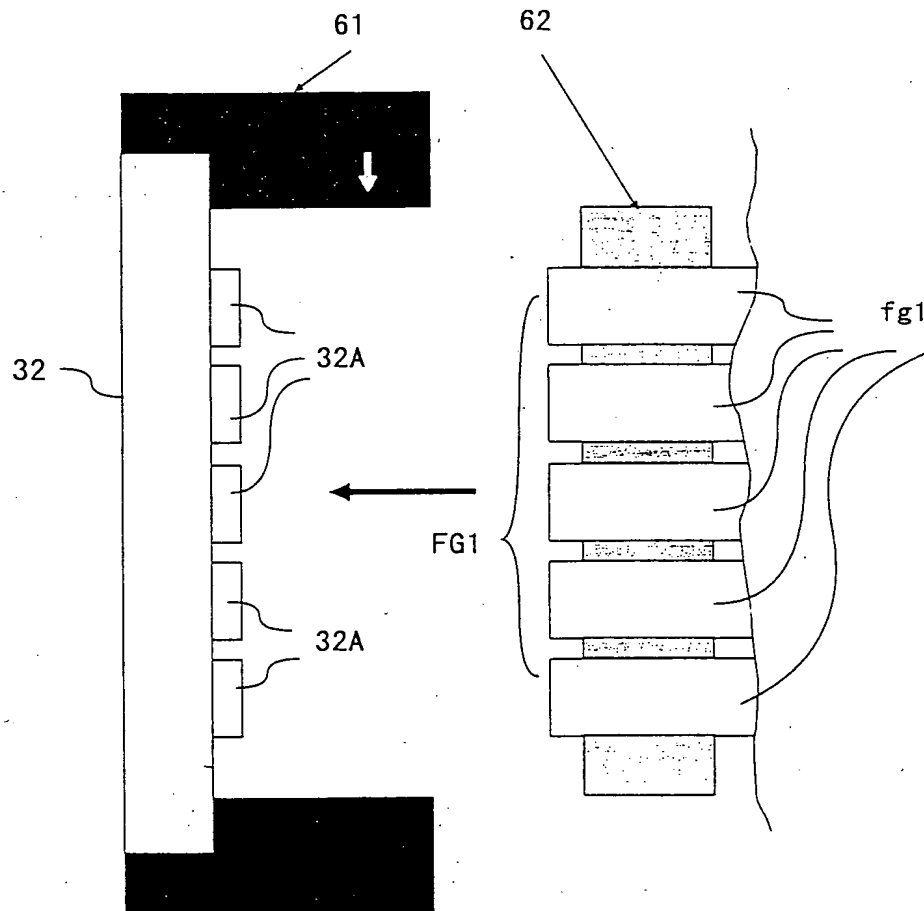


FIG. 57

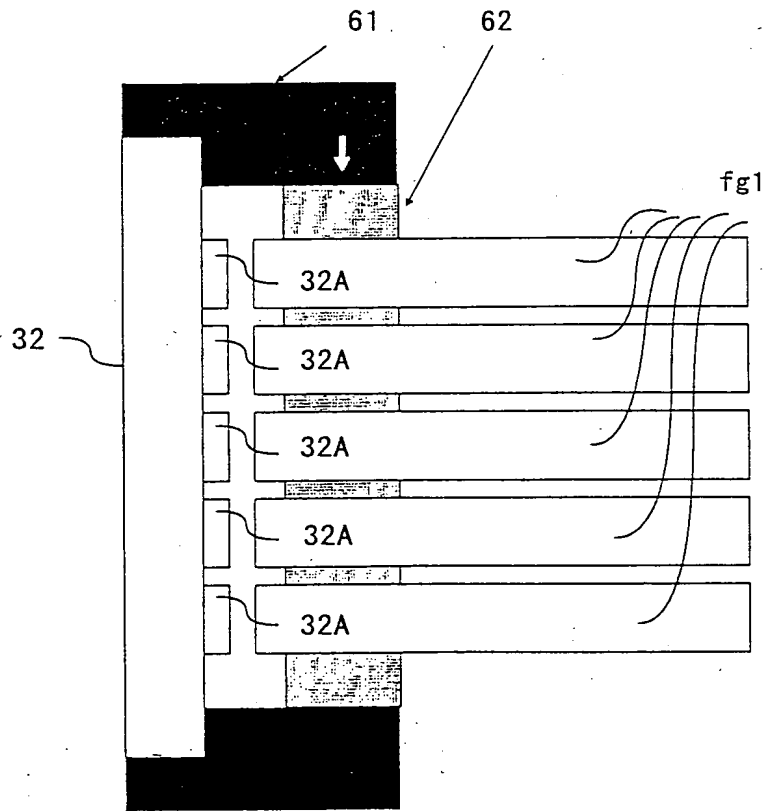


FIG.58

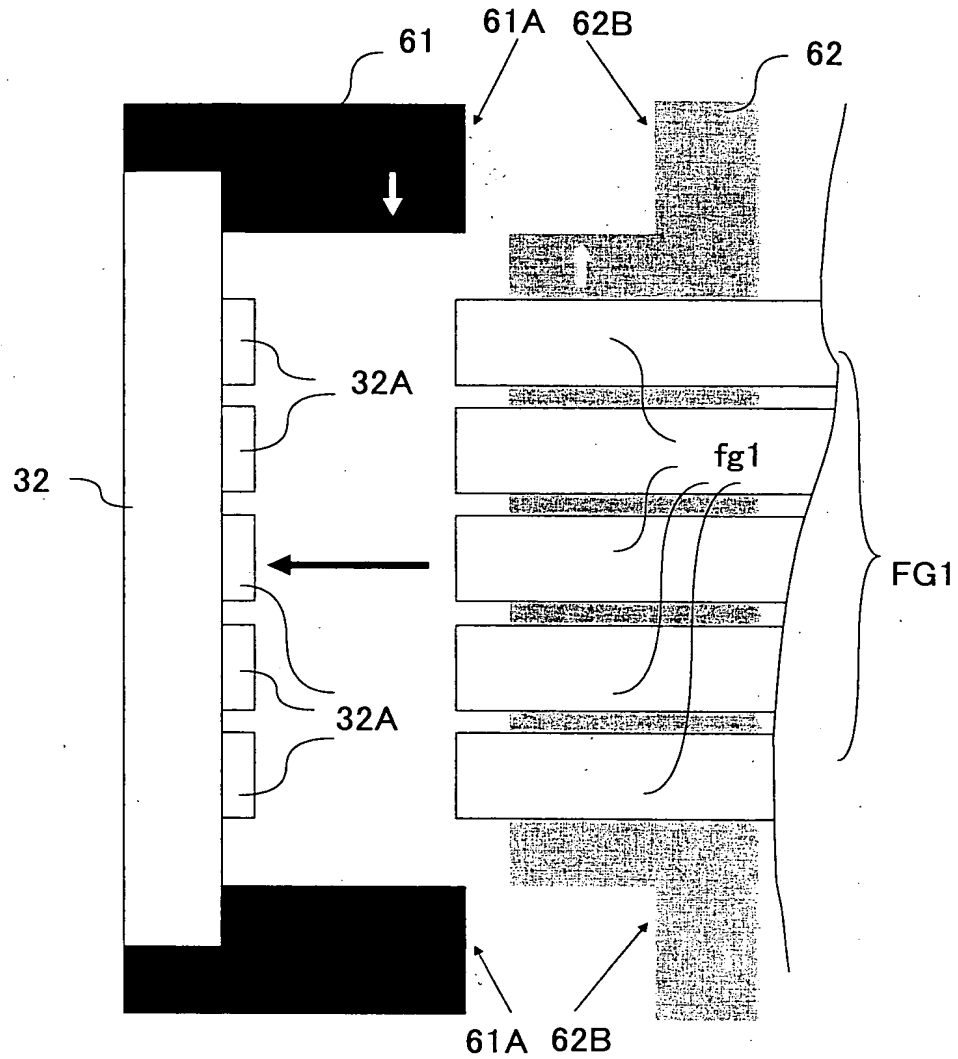
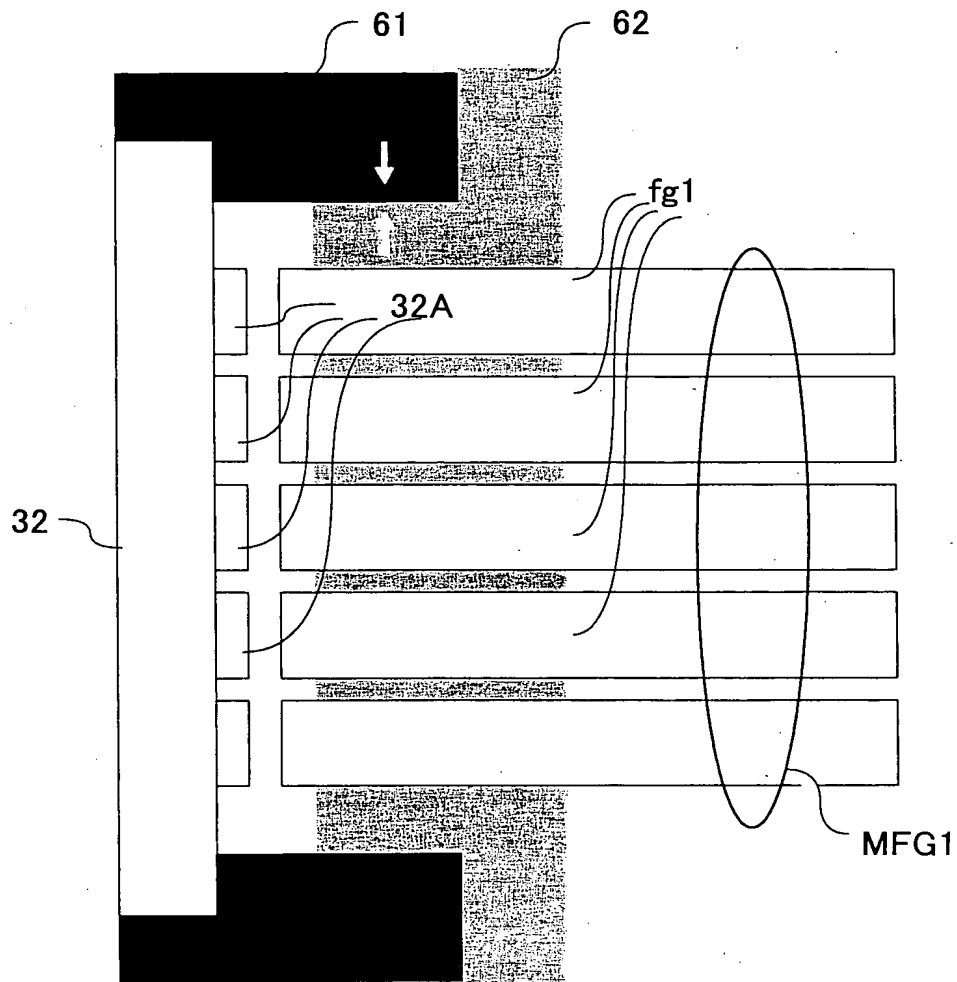


FIG.59



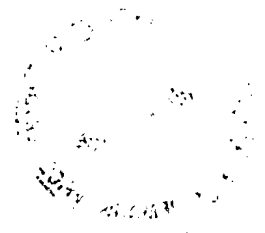


FIG.61

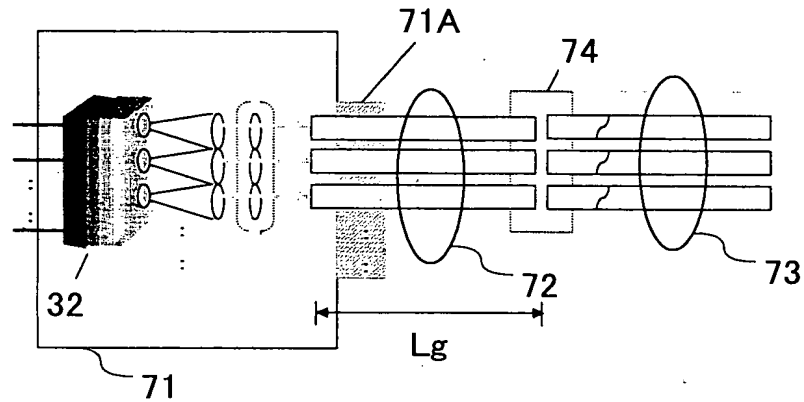


FIG.62

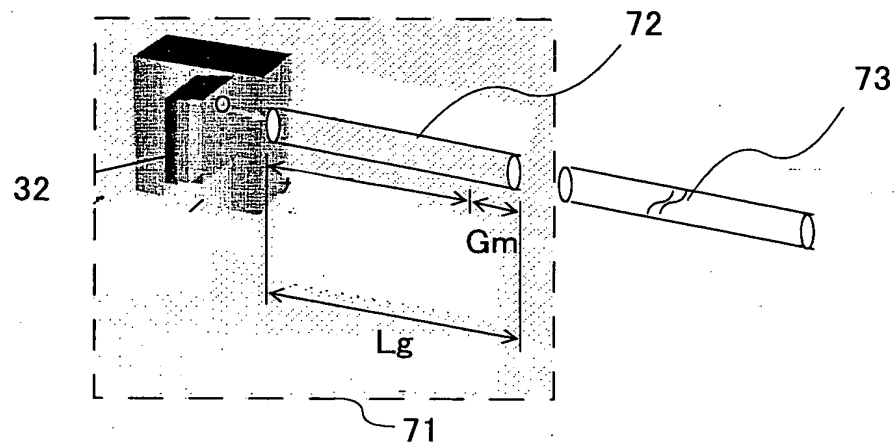


FIG.63

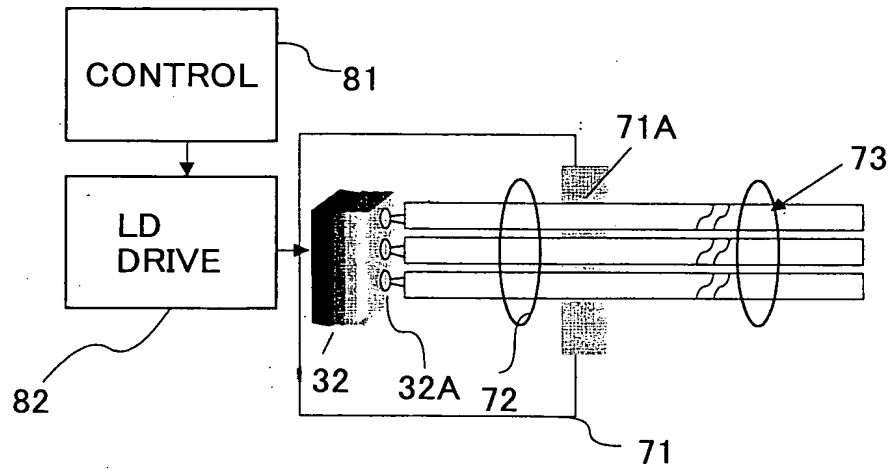


FIG. 64

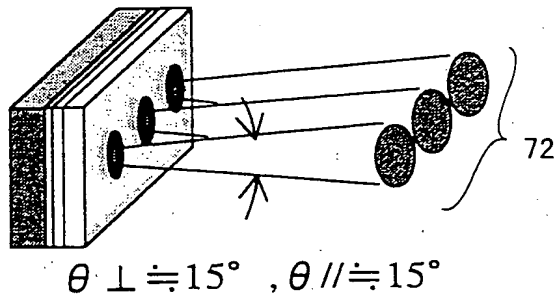


FIG. 65A

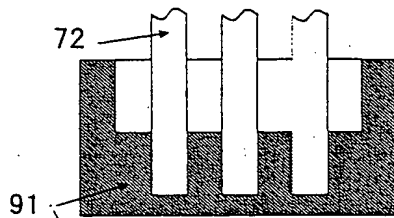


FIG. 65C

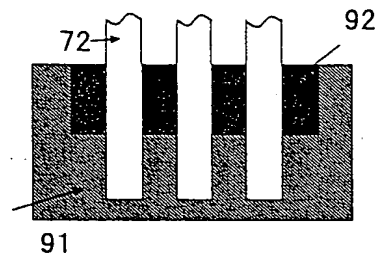


FIG. 65B

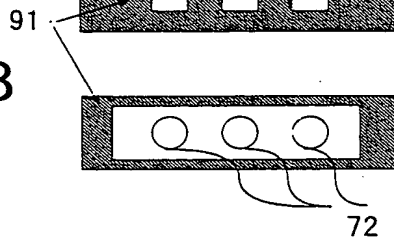


FIG. 66A

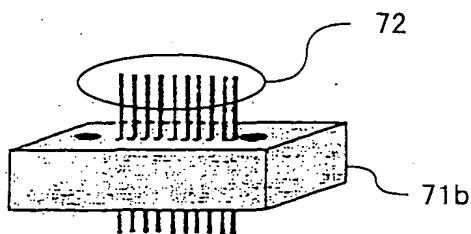


FIG. 66B

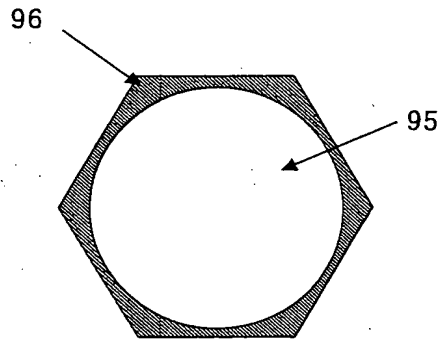


71A

FIG. 66C



FIG. 67



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FIG. 68

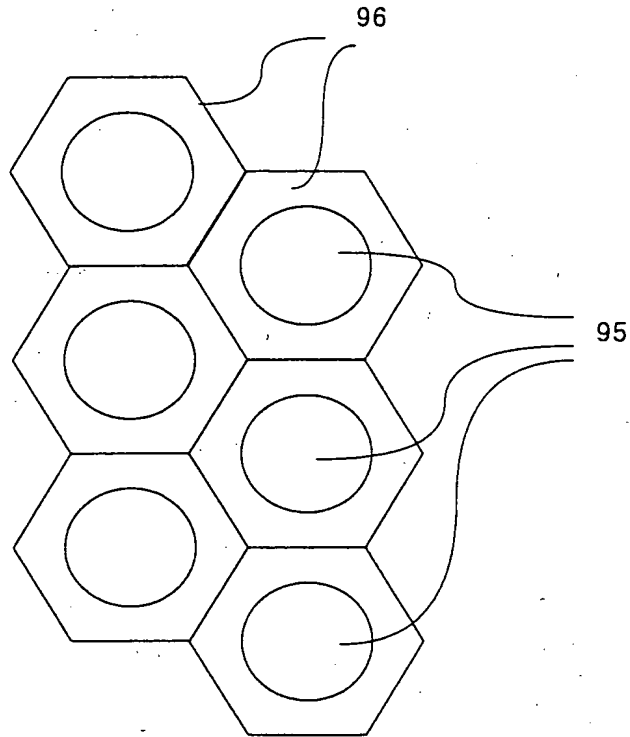


FIG. 69

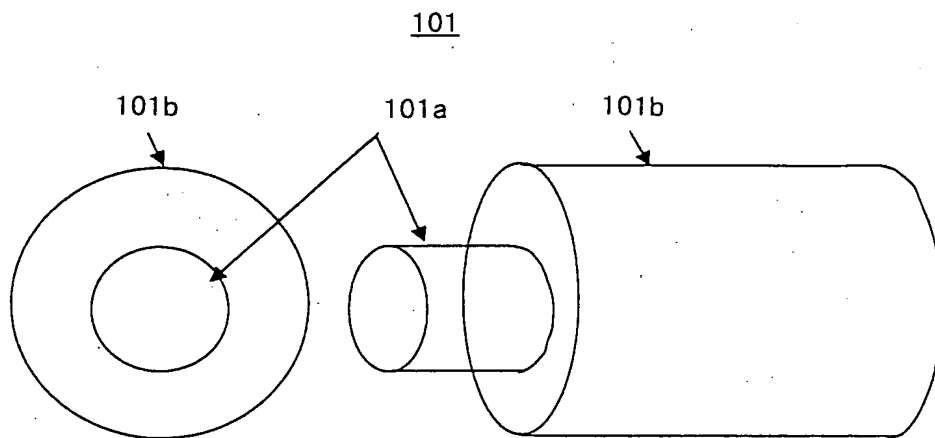


FIG. 70

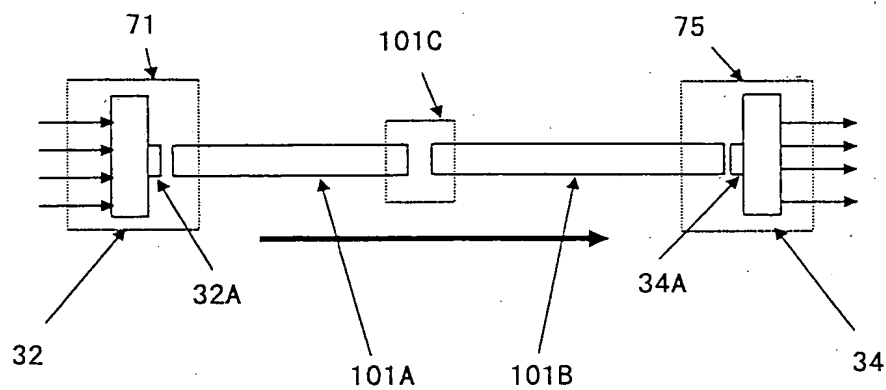


FIG. 71

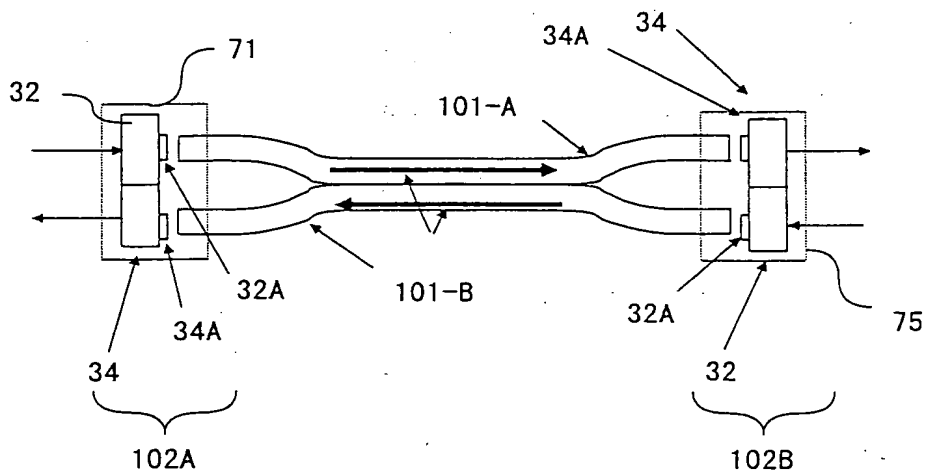


FIG. 72

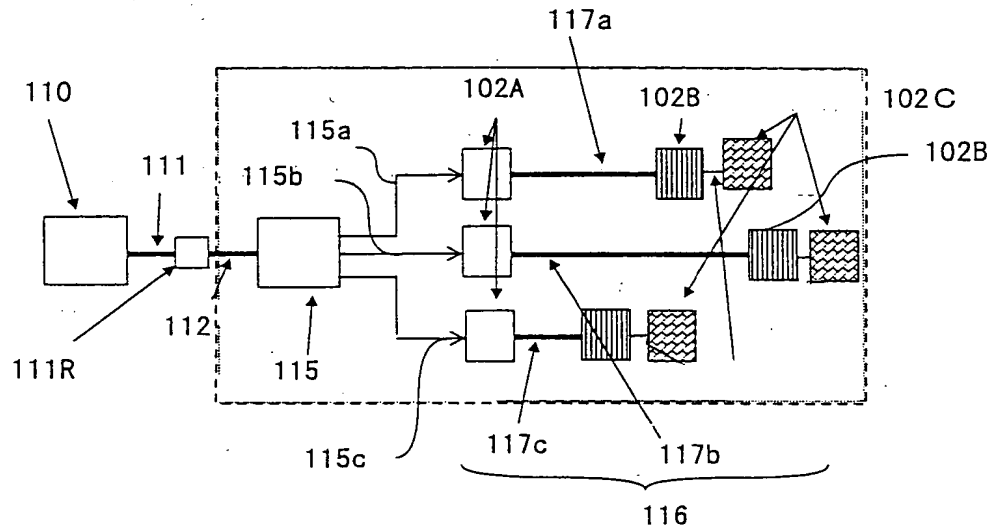


FIG. 73A

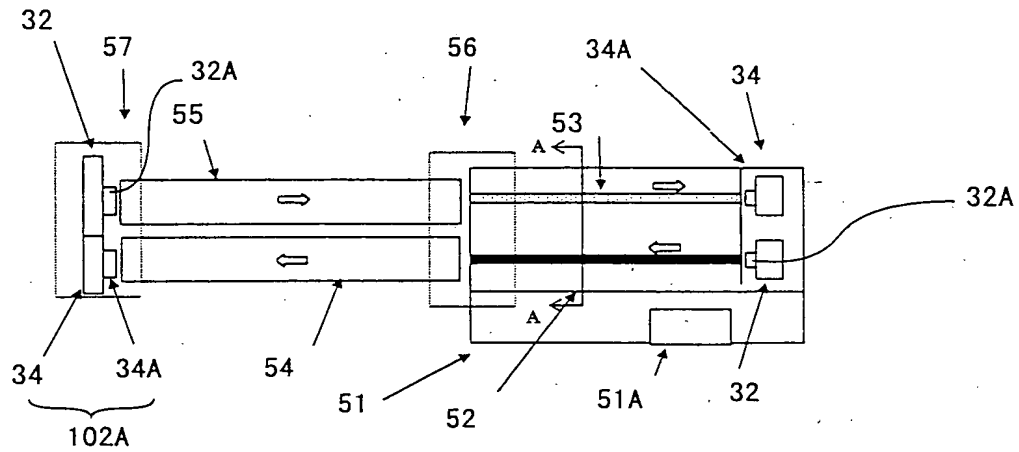


FIG. 73B

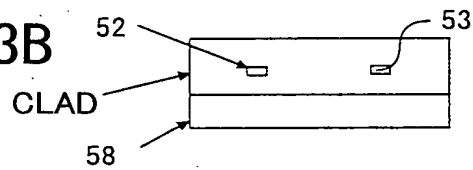


FIG. 75

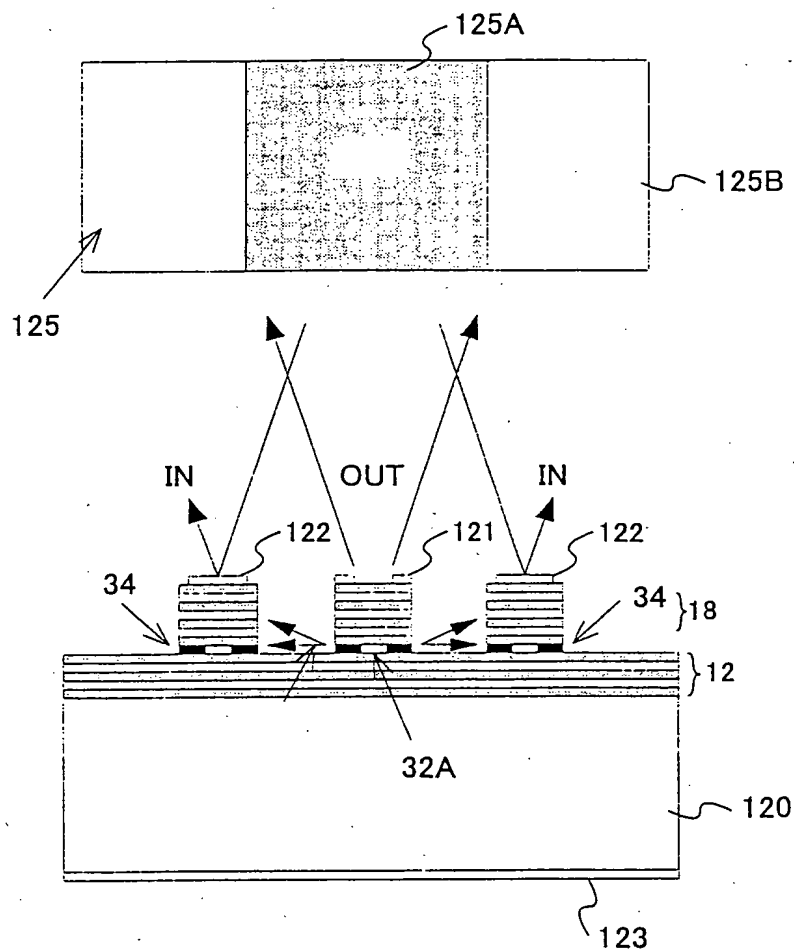


FIG. 76A

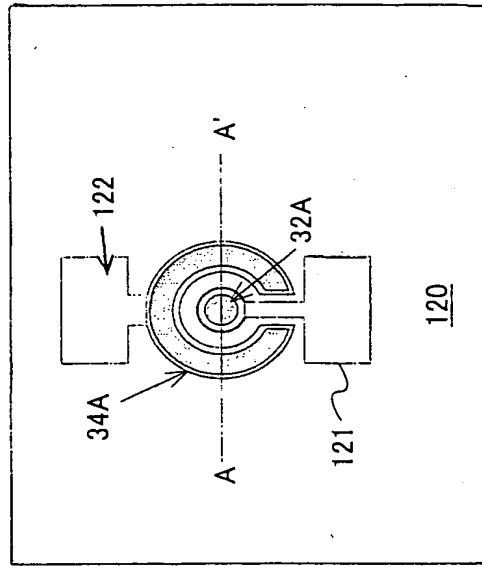


FIG. 76B

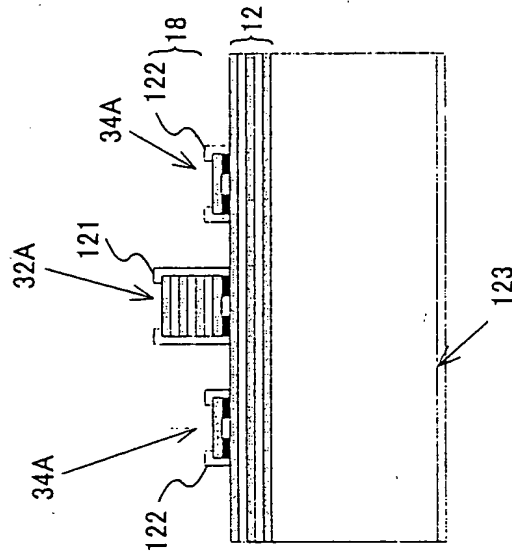


FIG. 77

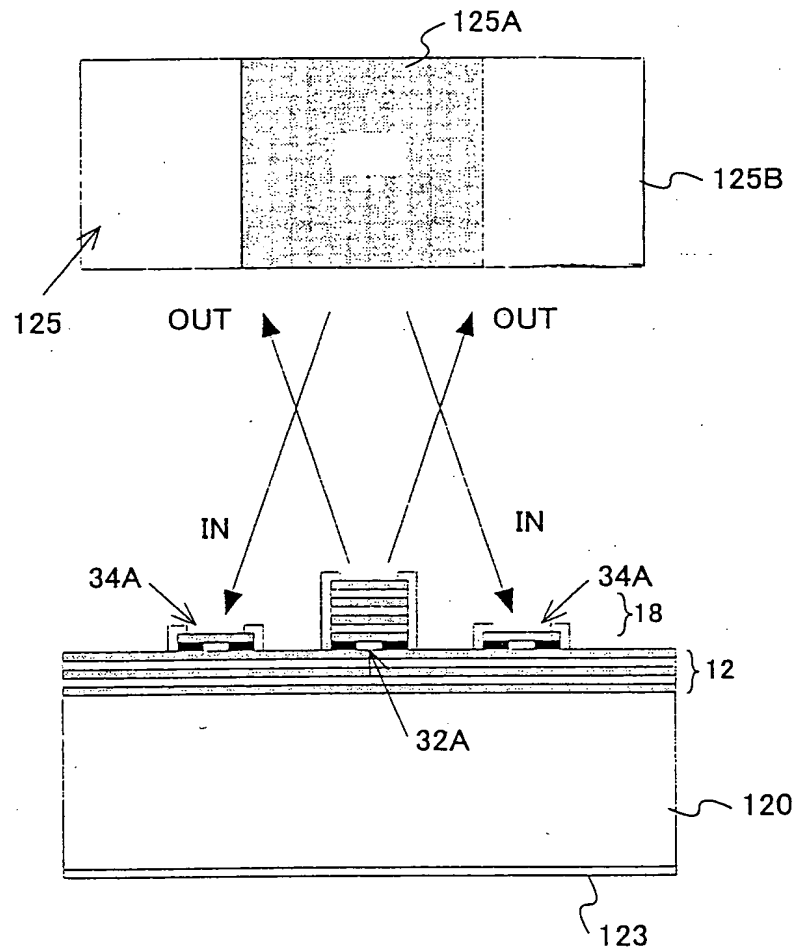


FIG. 78

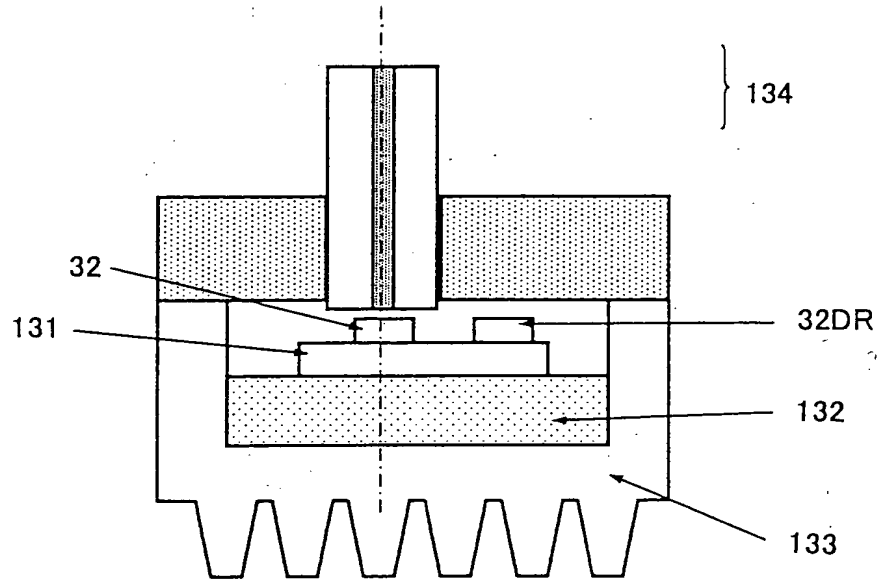
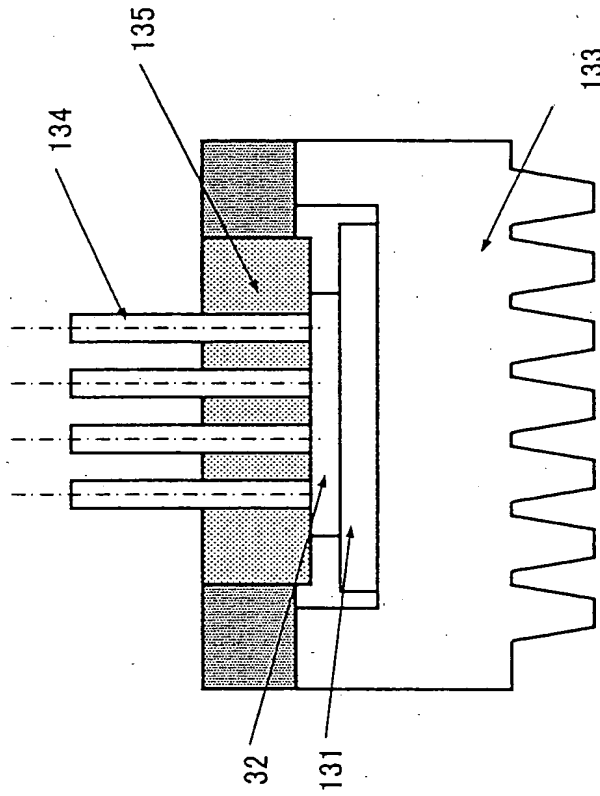


FIG. 79



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FIG. 80

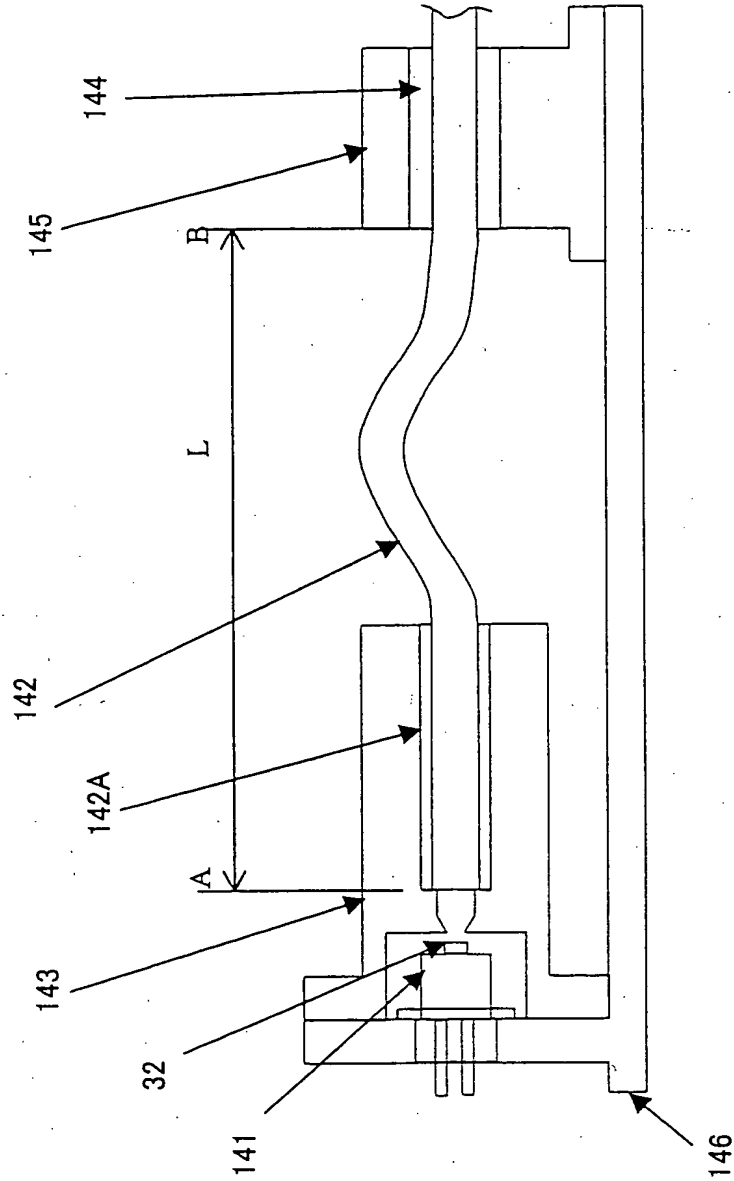


FIG. 81

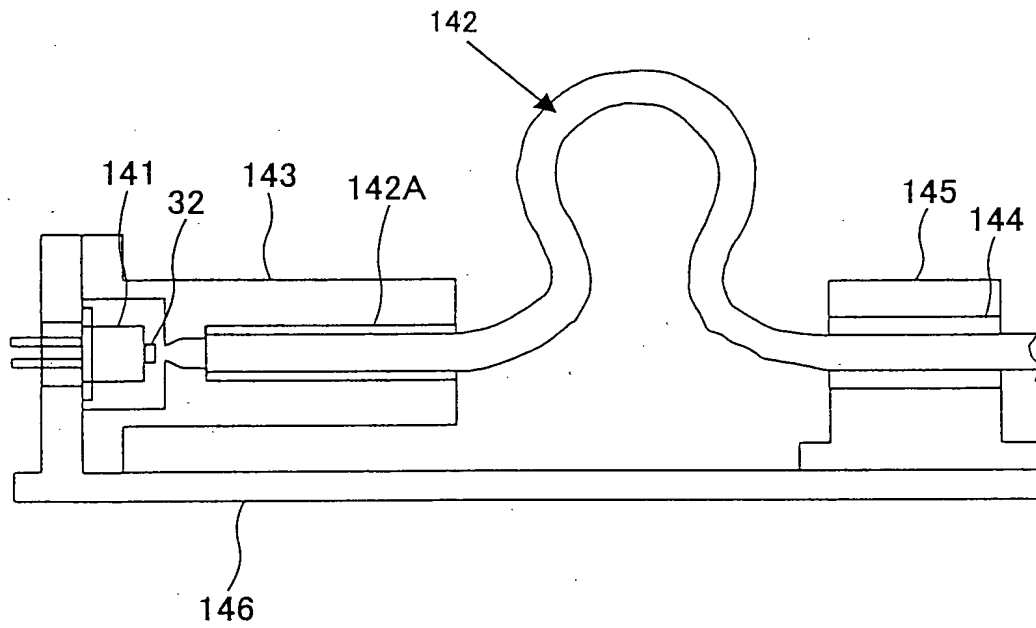
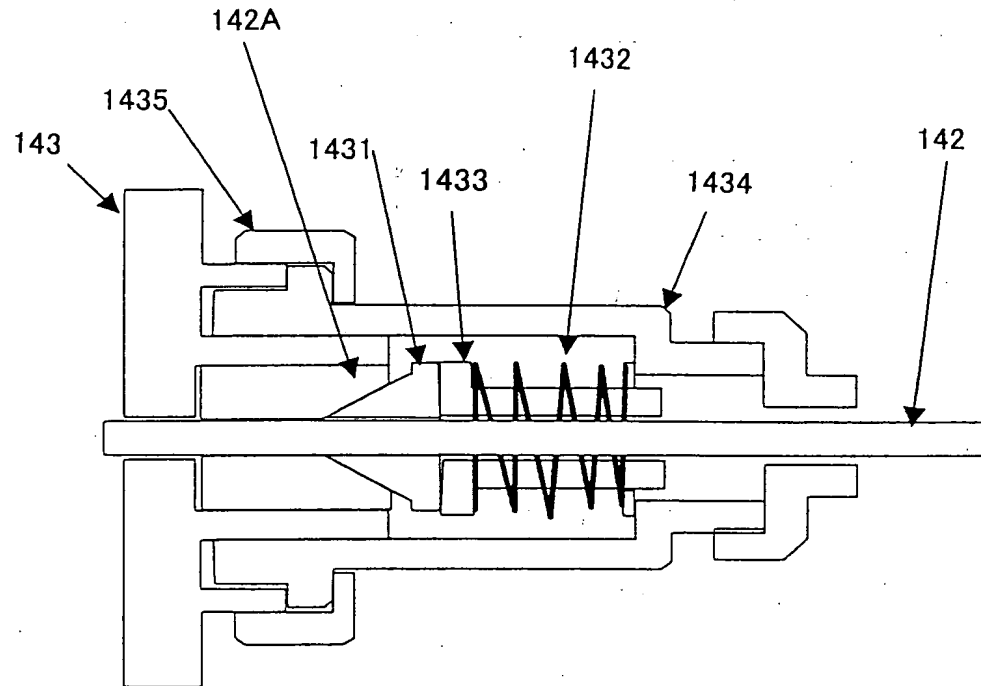


FIG. 82



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FIG. 83

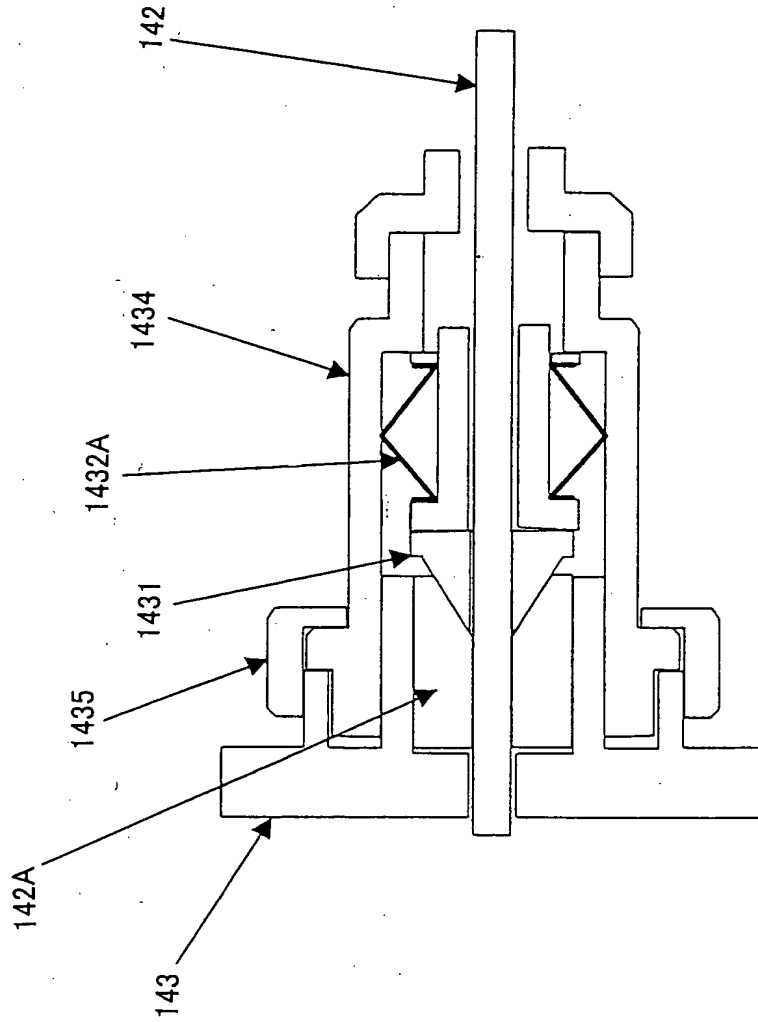


FIG. 84

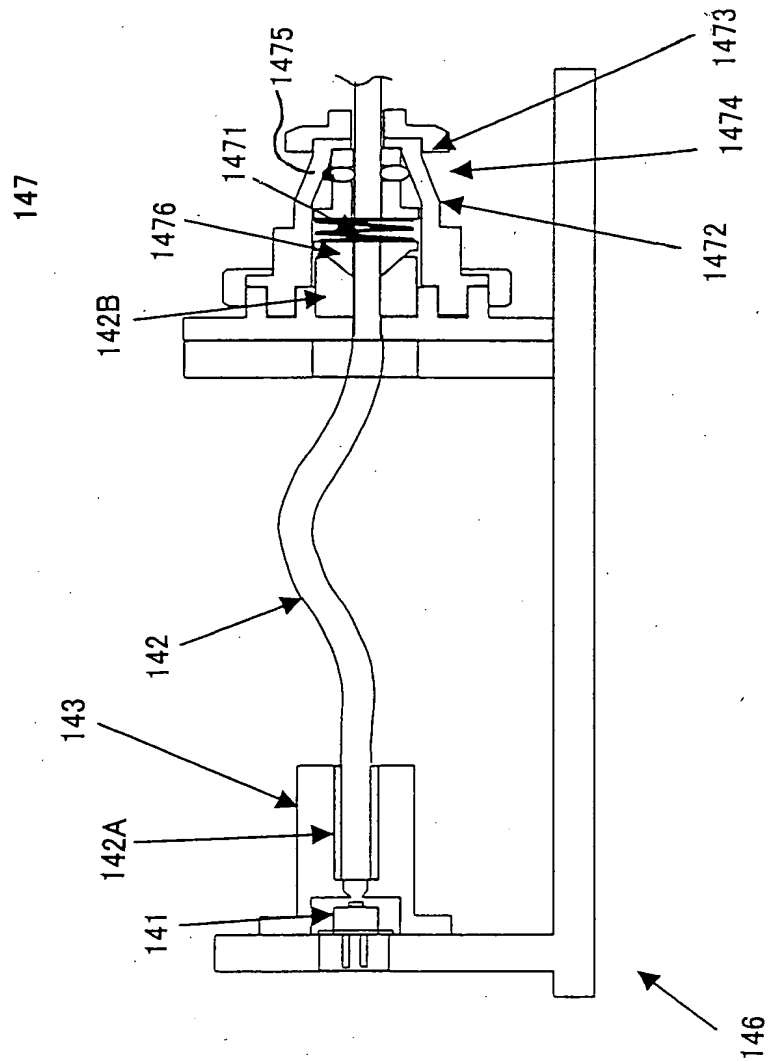


FIG. 85

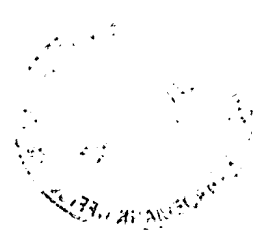
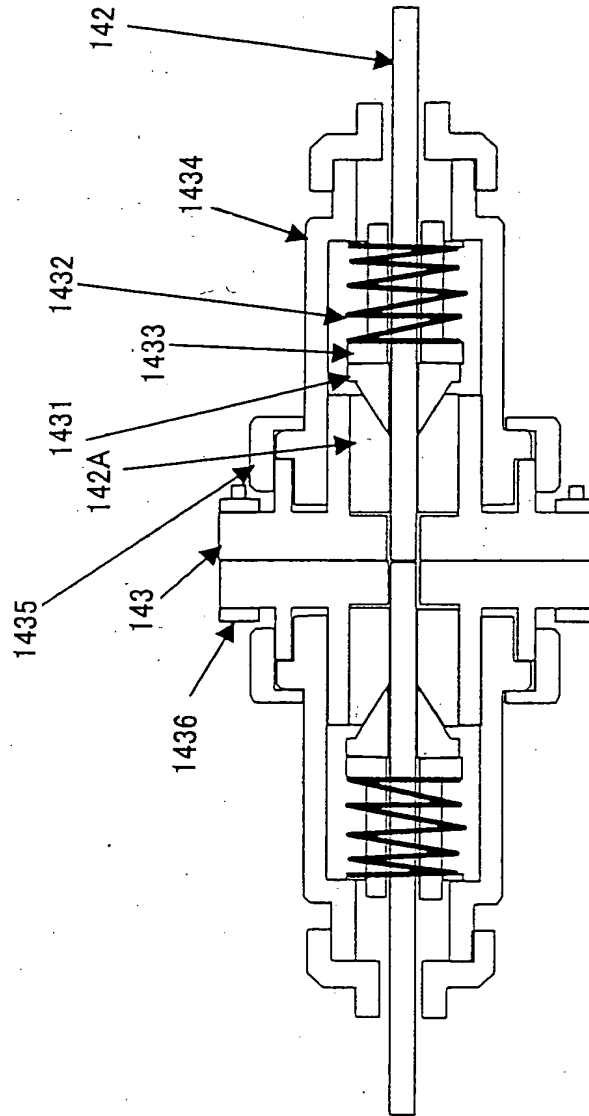


FIG. 86

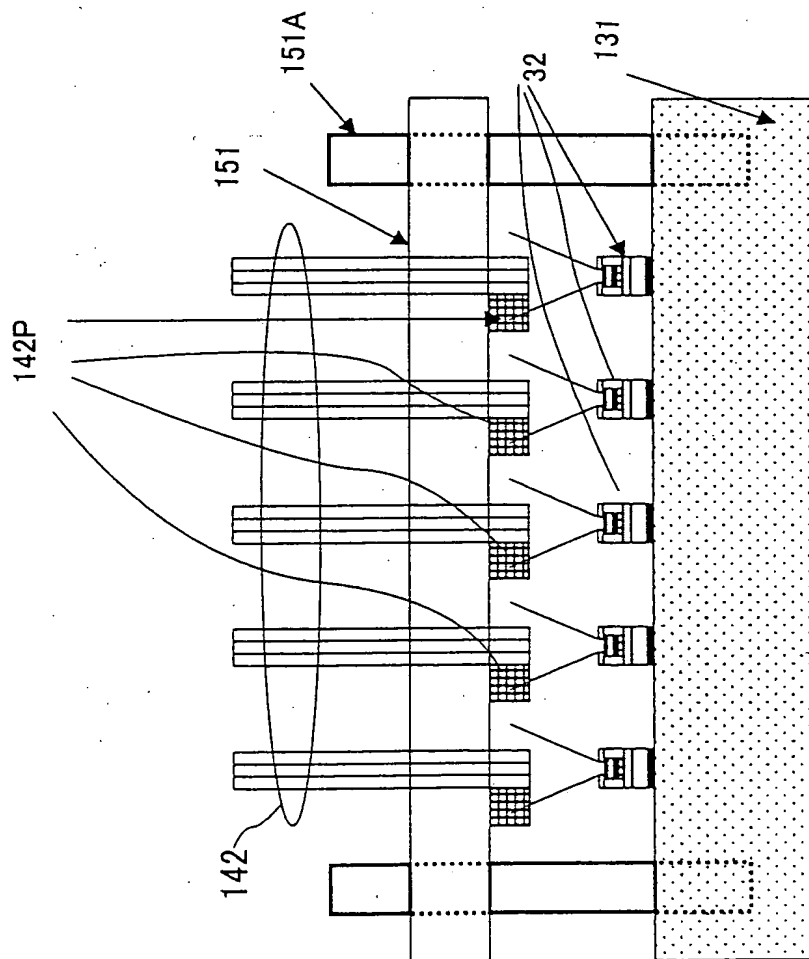


FIG. 87

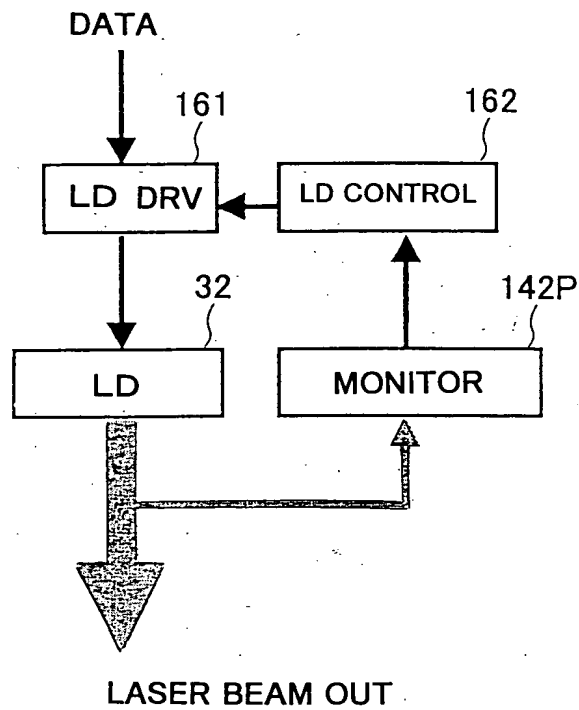


FIG. 88

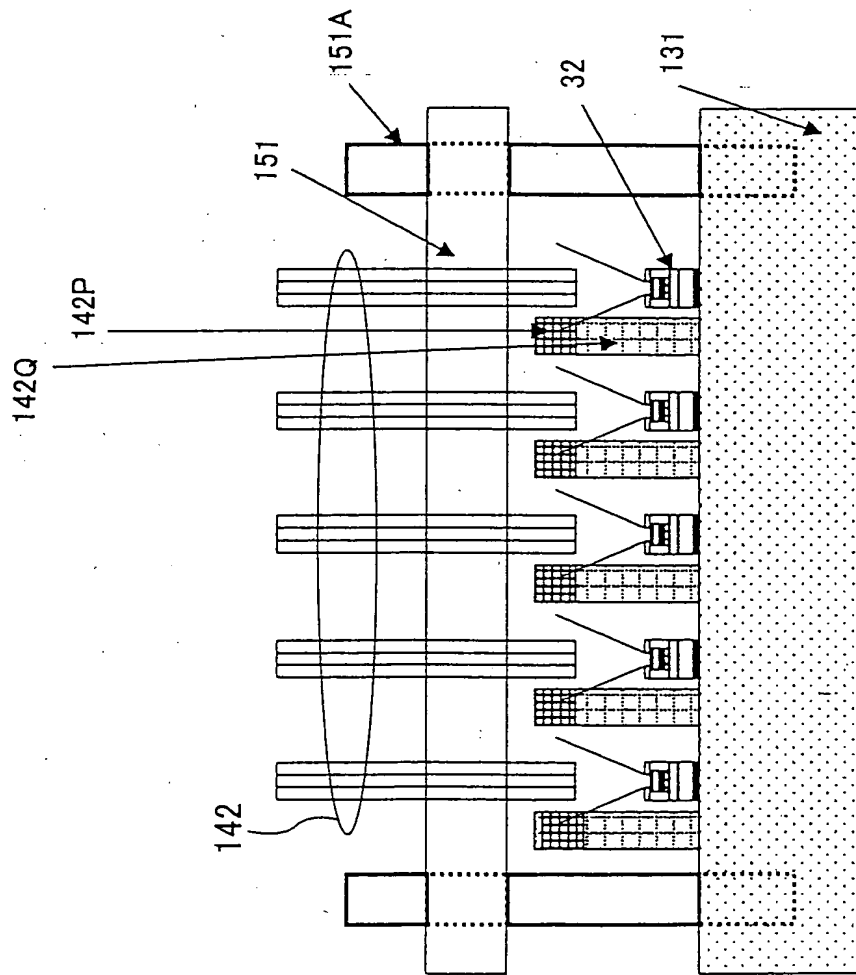
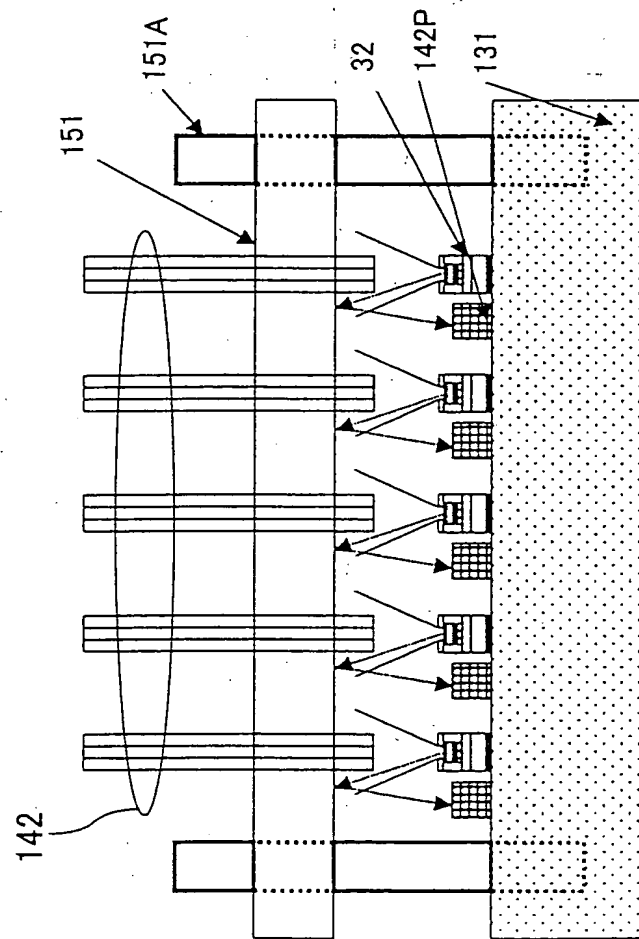


FIG. 89



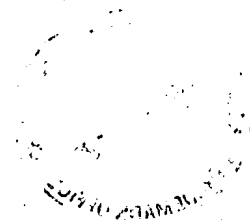


FIG. 91

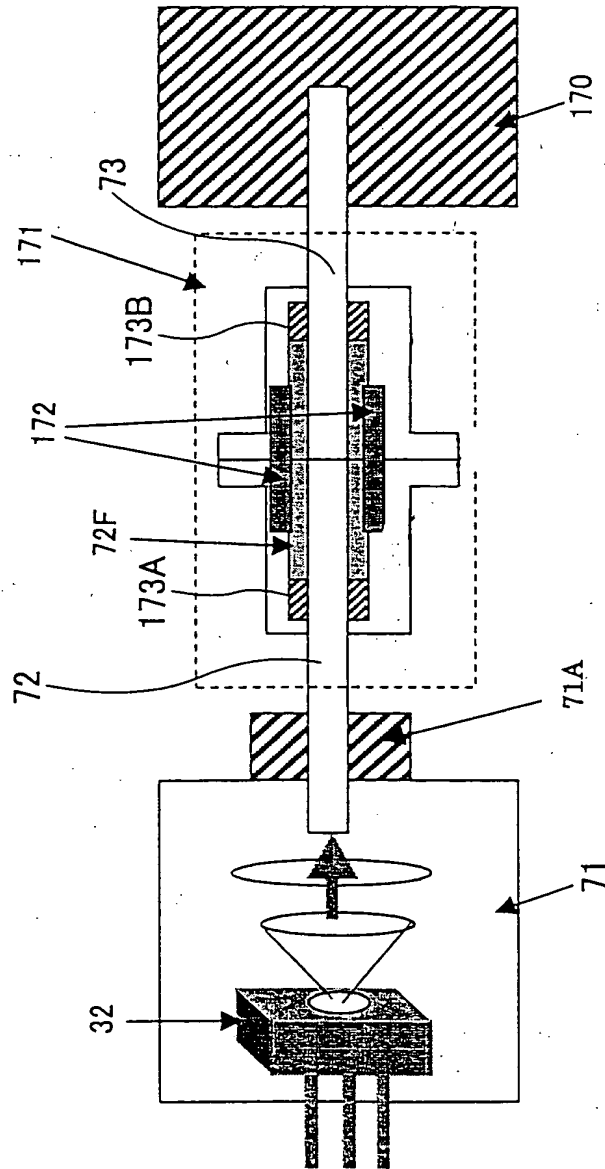


FIG. 92

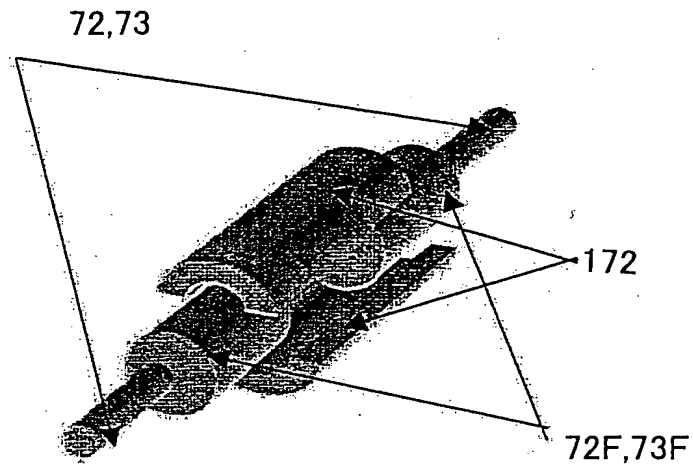


FIG. 93

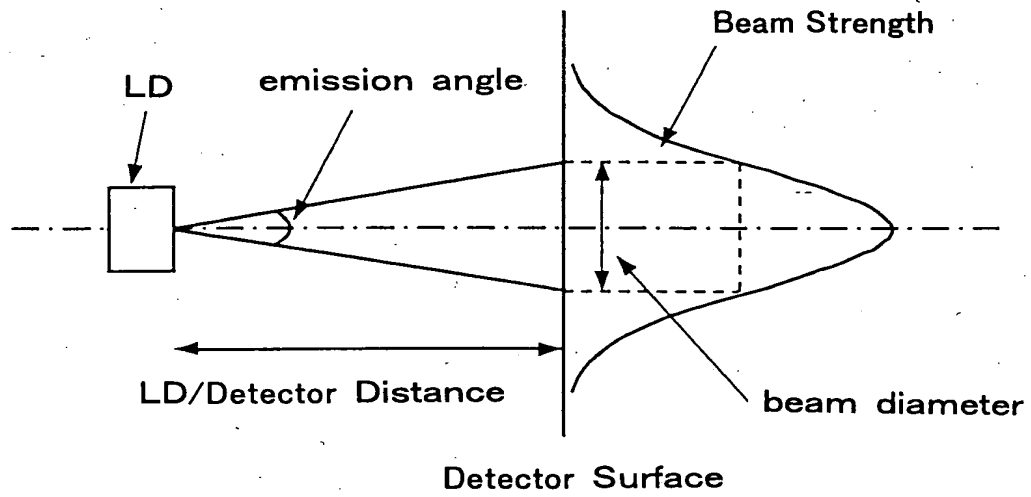


FIG. 94

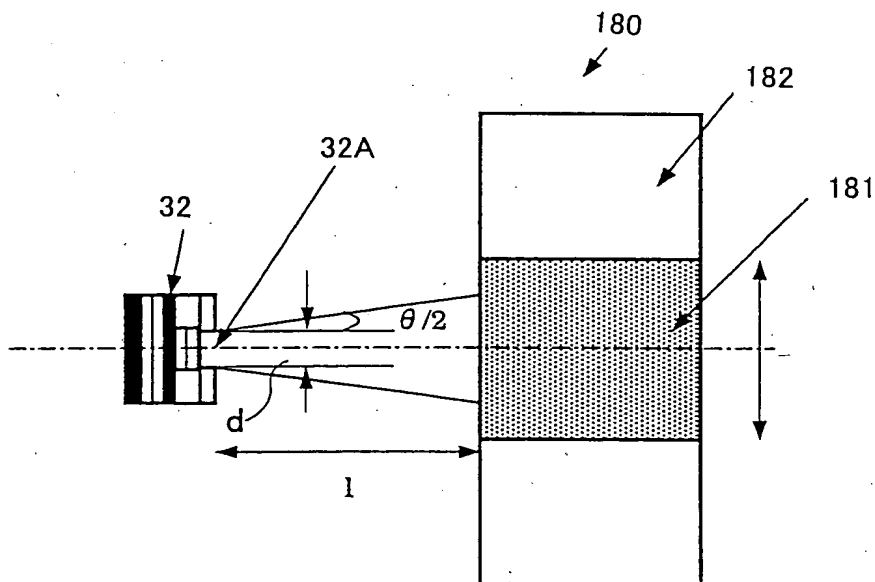


FIG.95

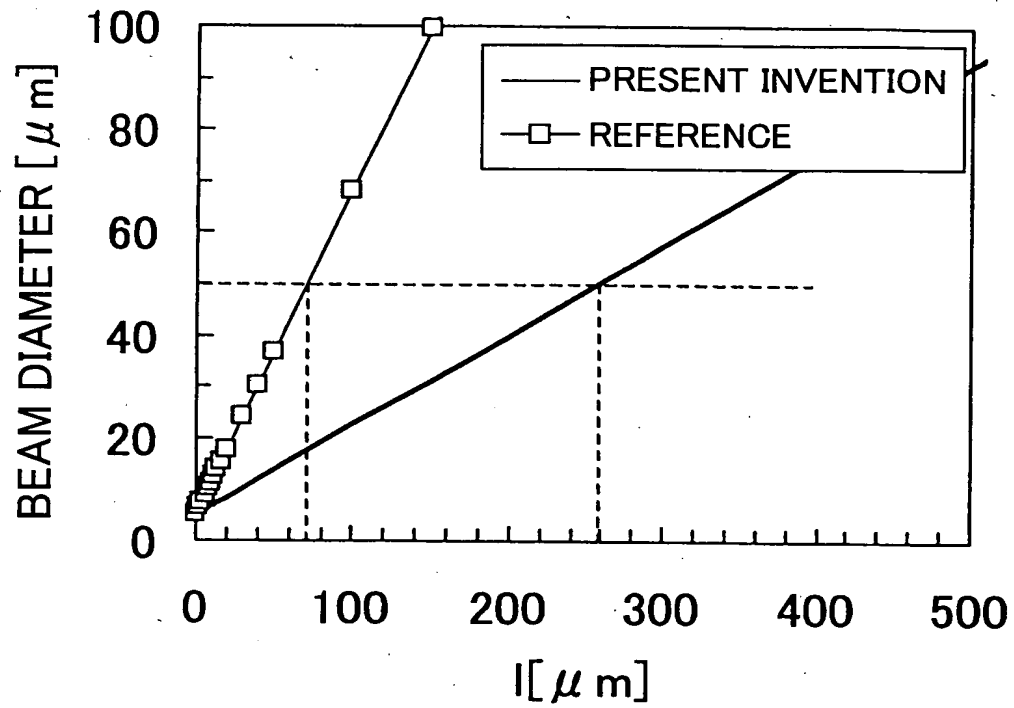
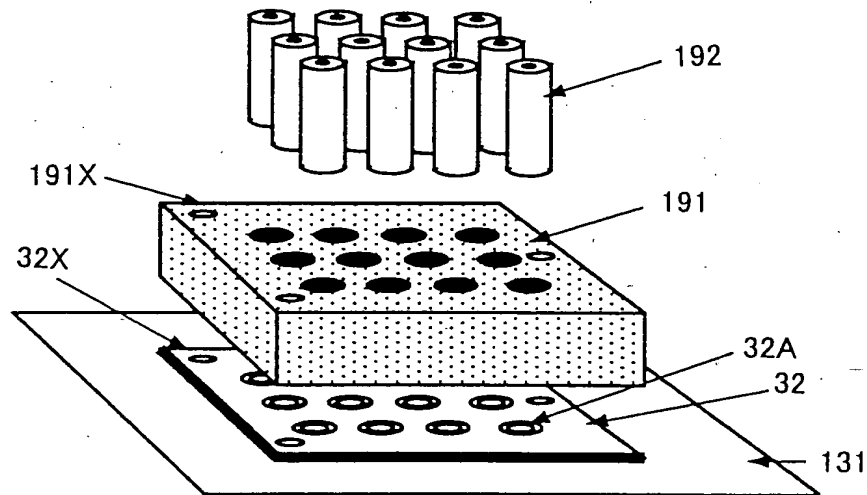


FIG. 96



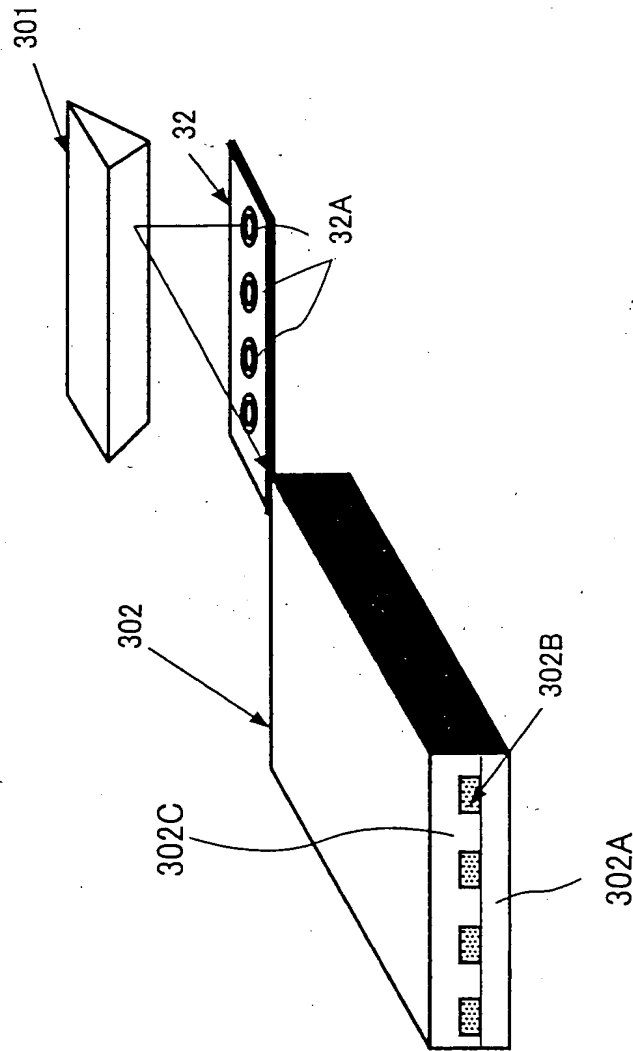


FIG. 97A

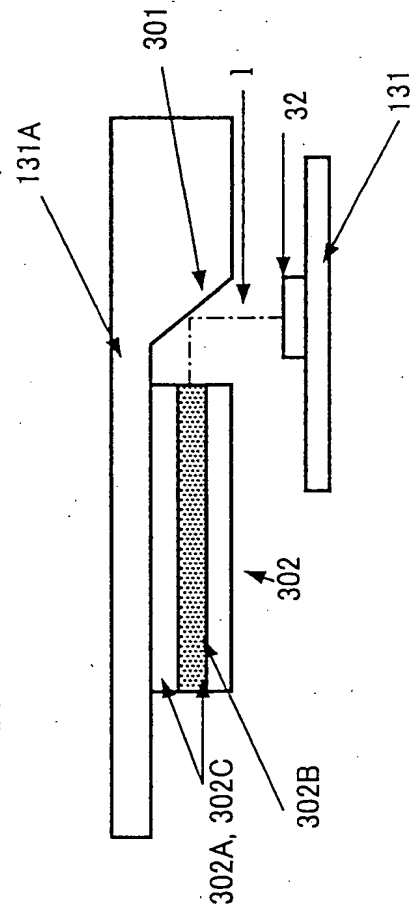


FIG. 97B

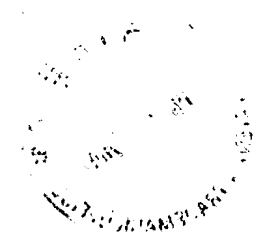
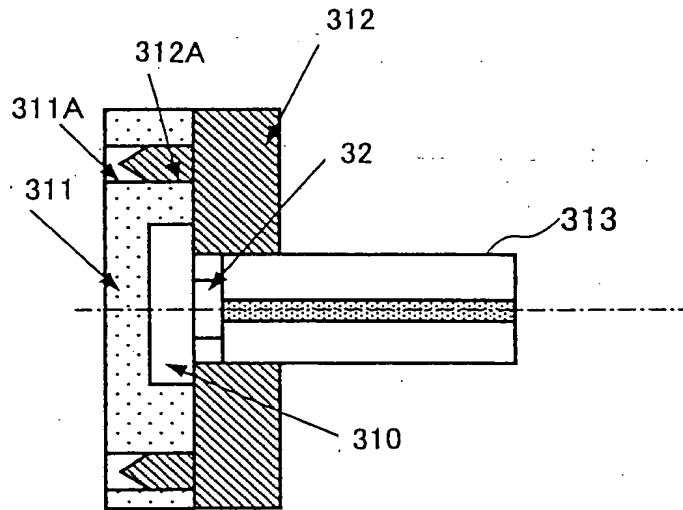


FIG. 98



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FIG. 99

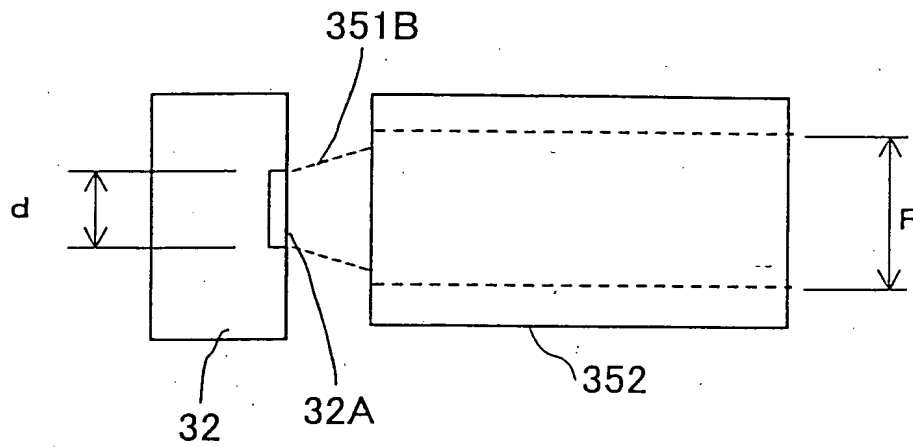


FIG. 100

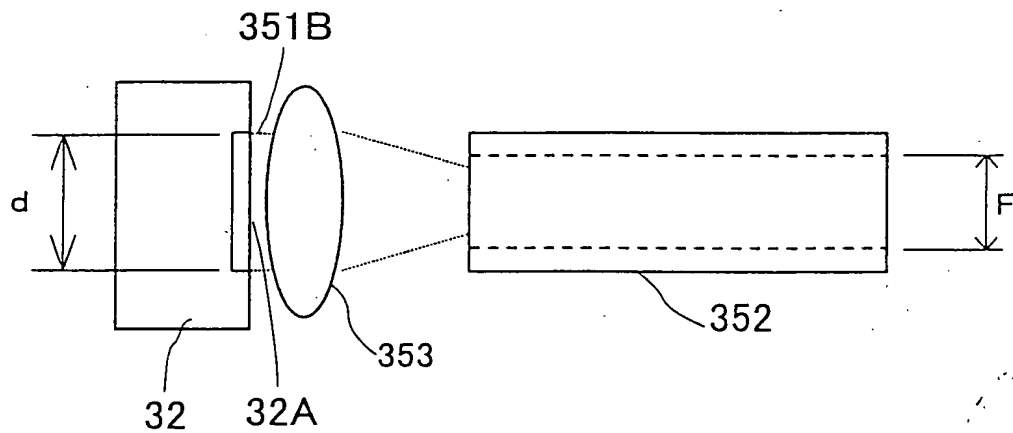
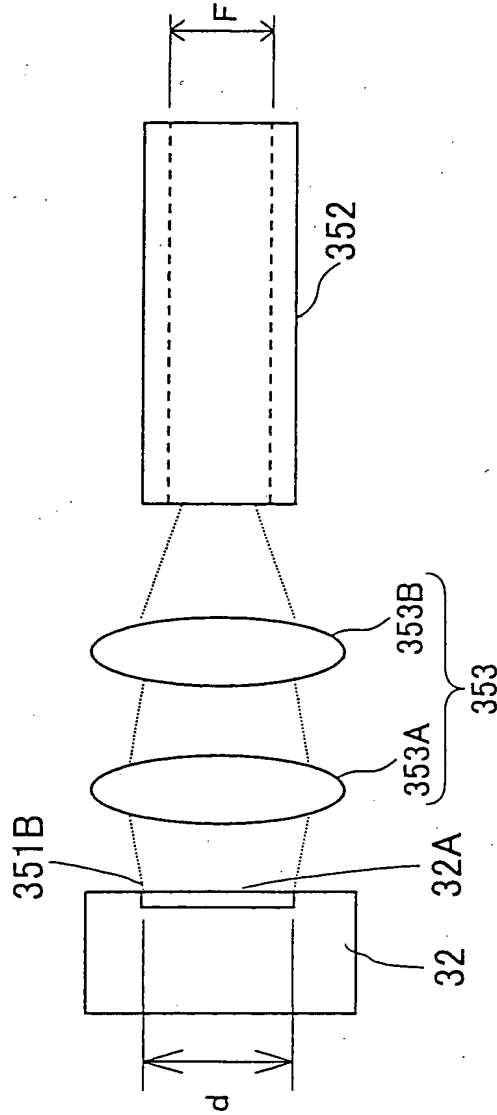
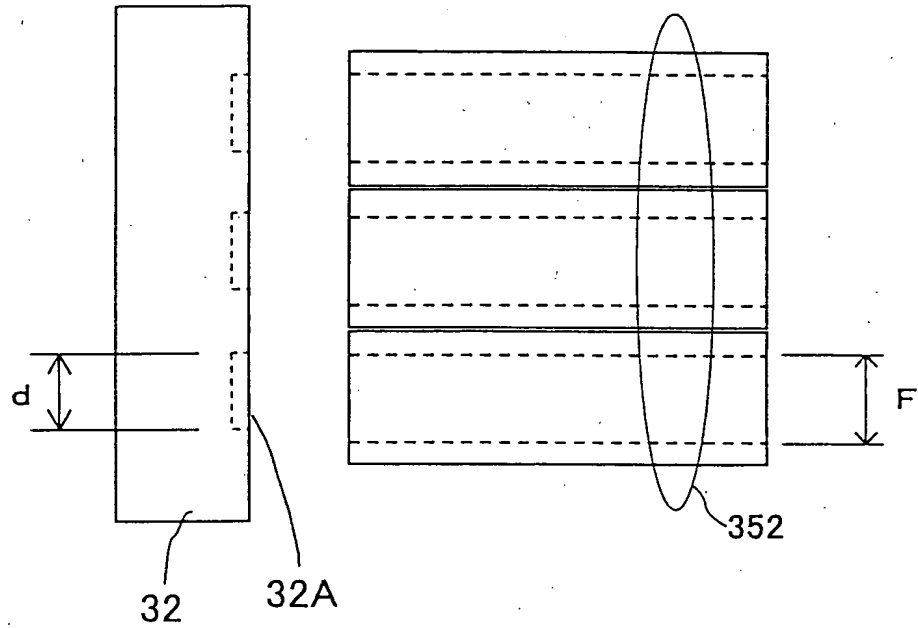


FIG. 101



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FIG. 102



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FIG. 103

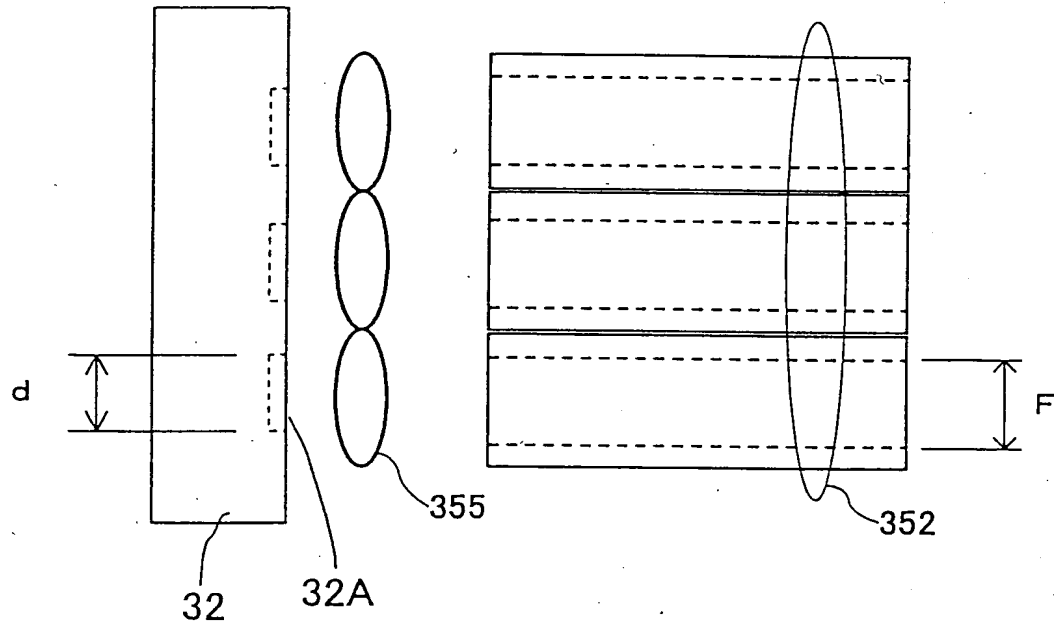


FIG. 104A

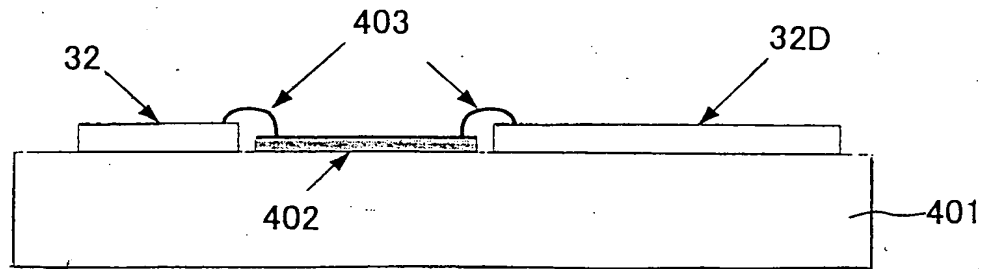


FIG. 104B

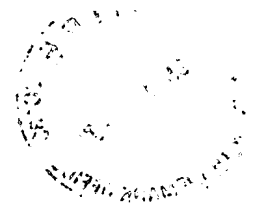
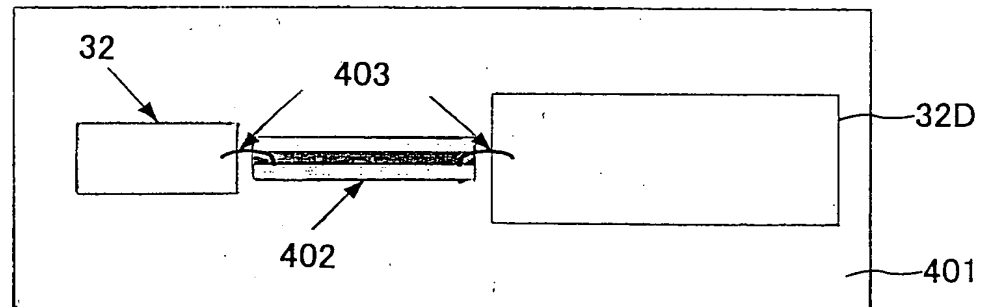


FIG.105

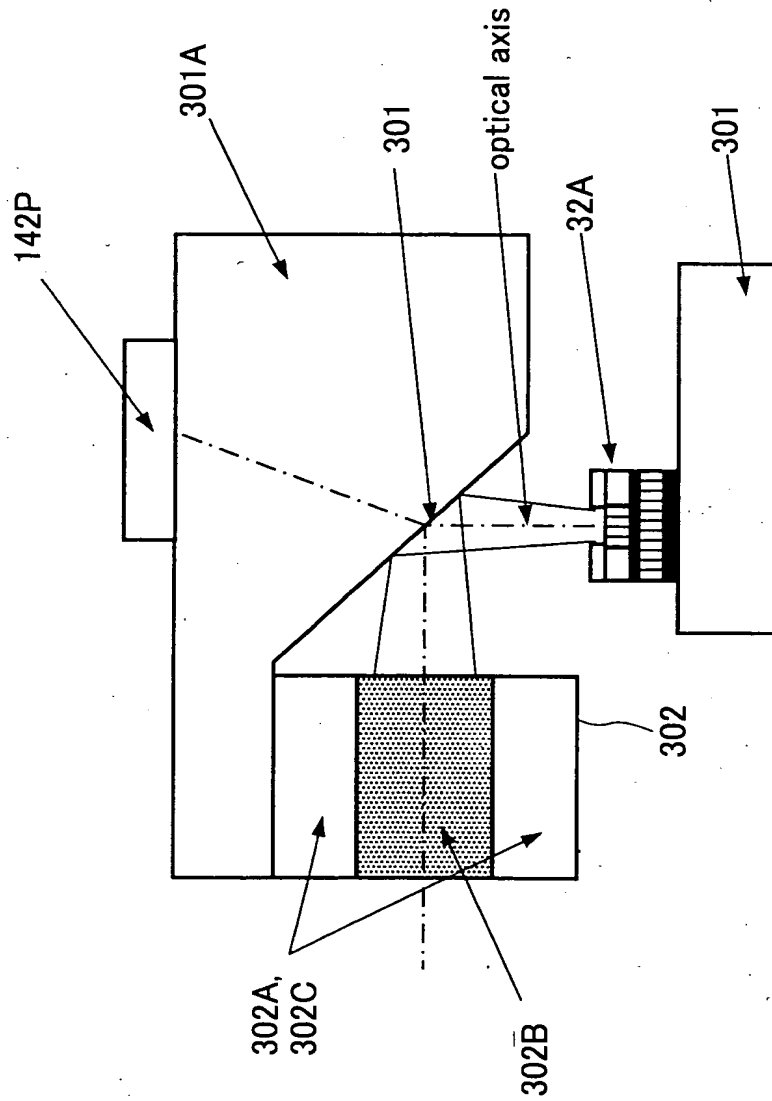


FIG.106

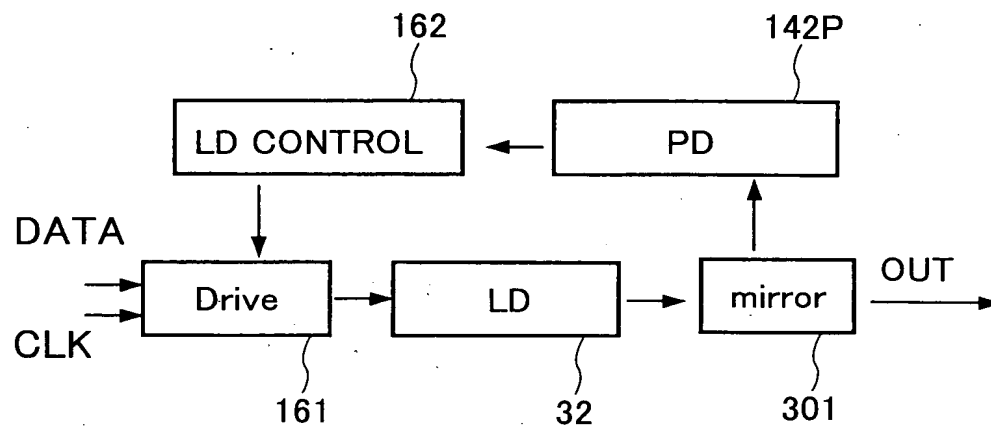


FIG.107

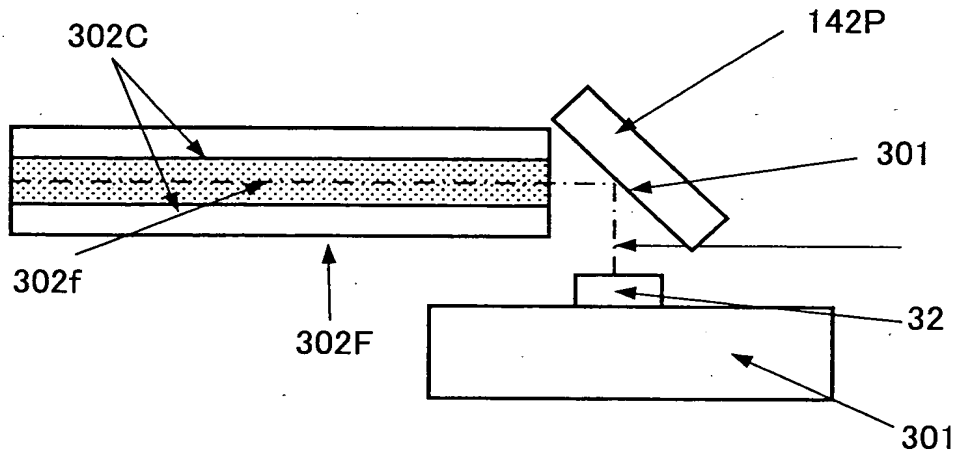


FIG.108

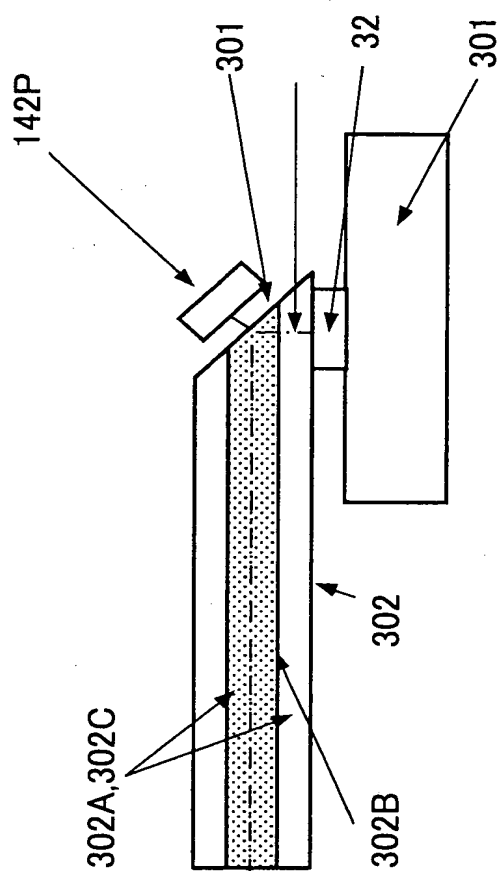


FIG.109

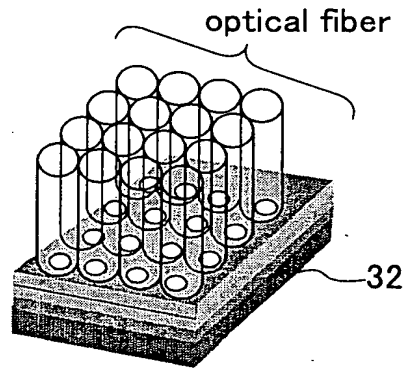


FIG.110A

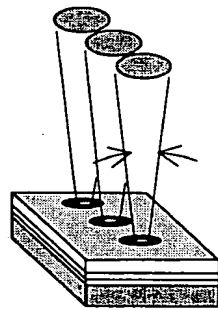


FIG.110B

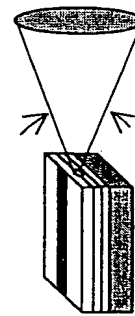


FIG.111A

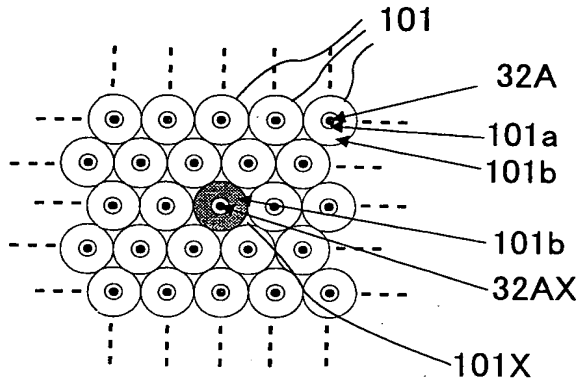


FIG.111B

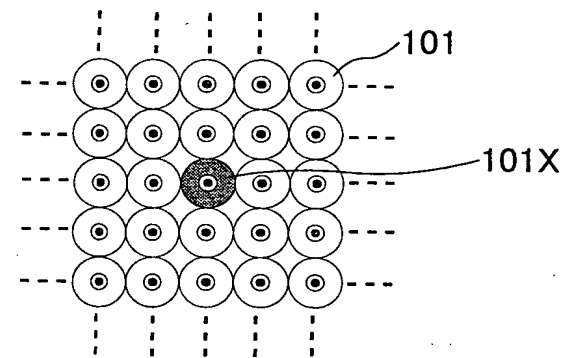


FIG.111C

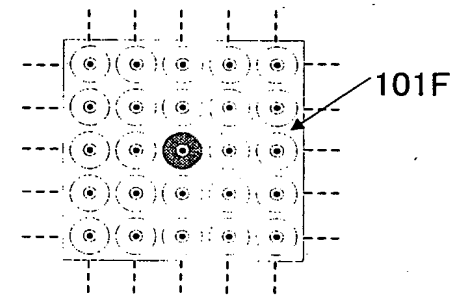


FIG.112

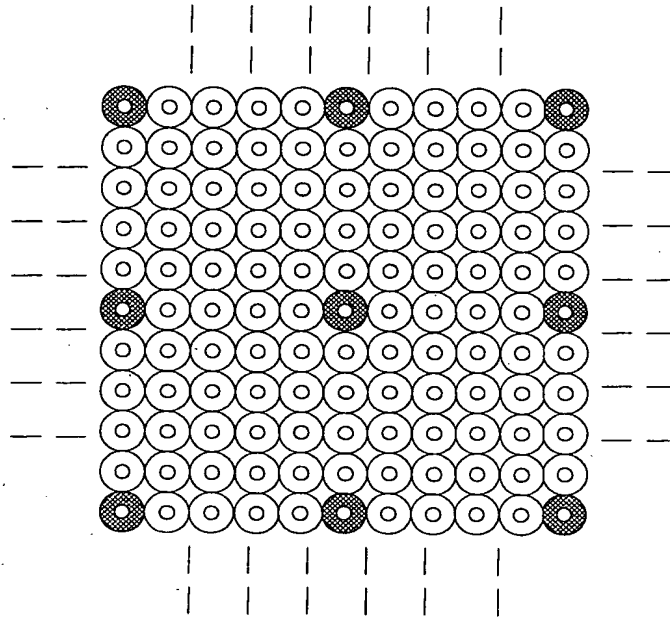


FIG.113B

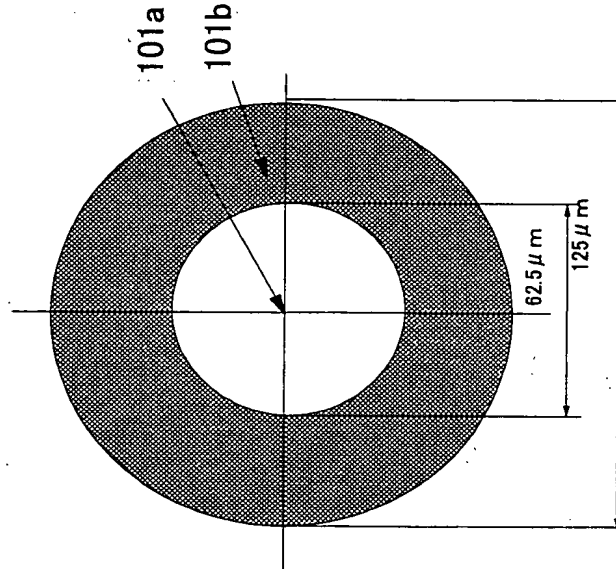


FIG.113A

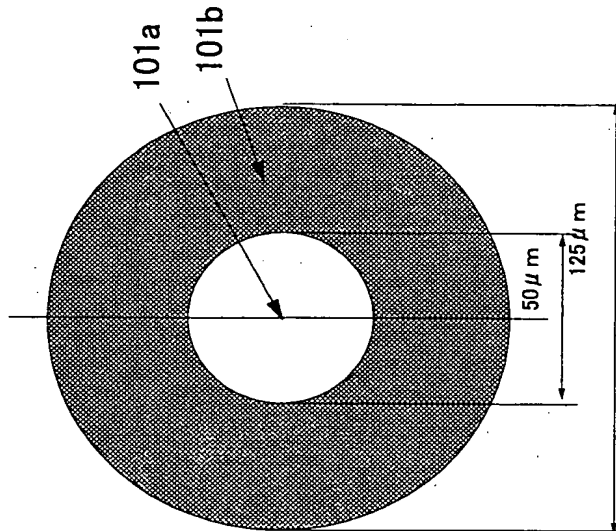


FIG.114

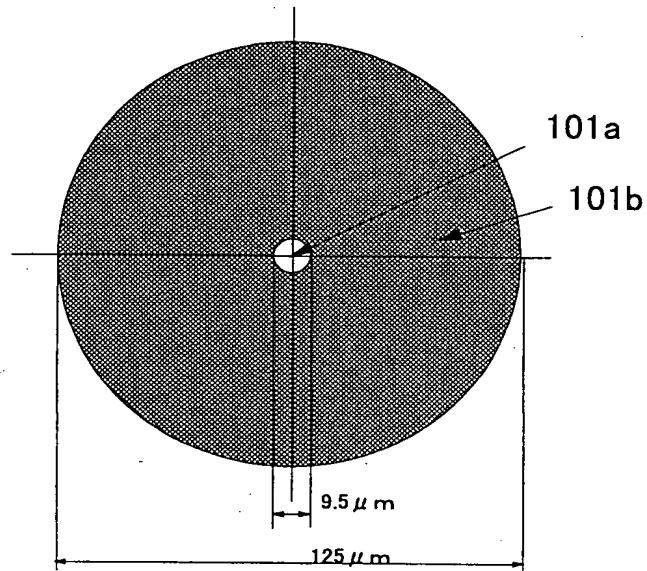


FIG.115

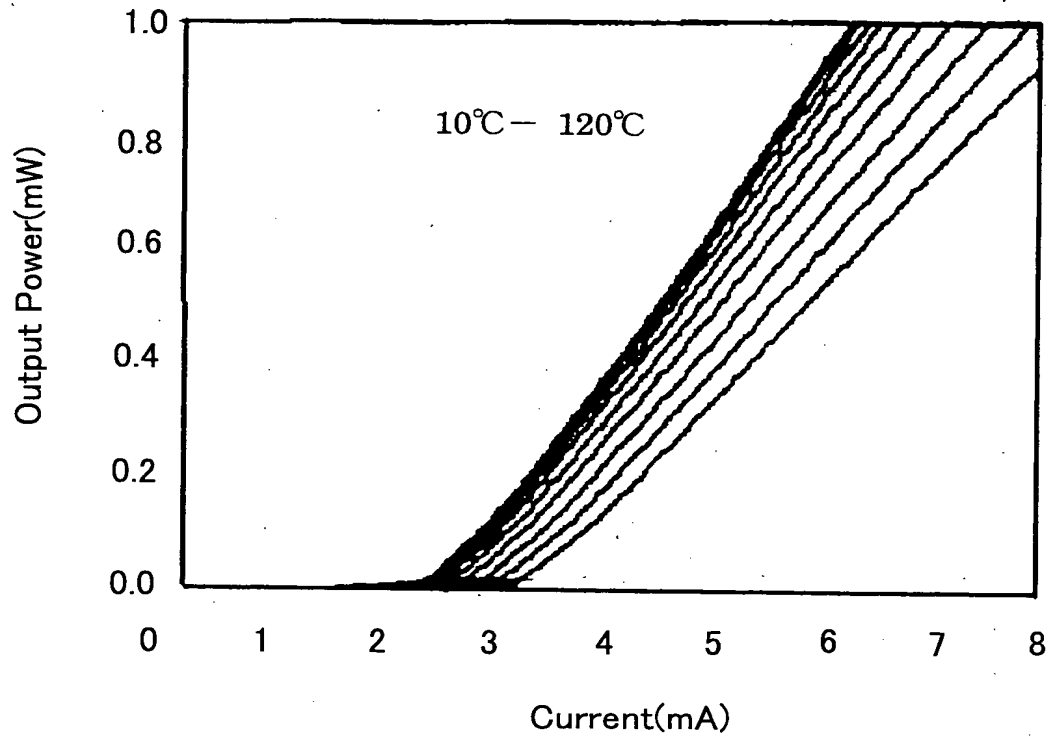


FIG.116

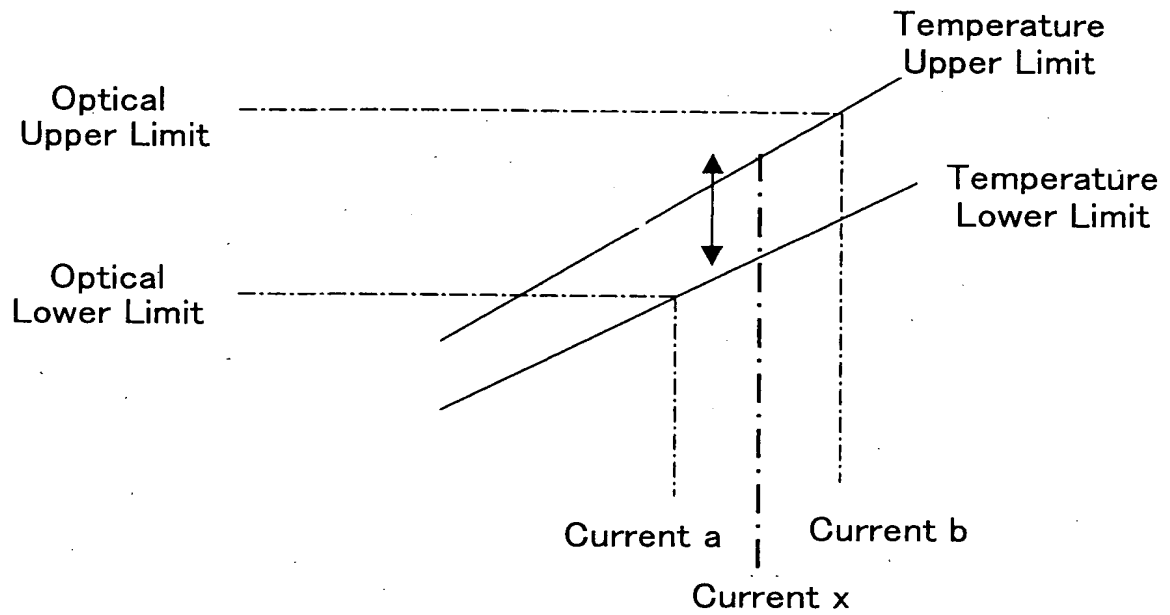


FIG.117

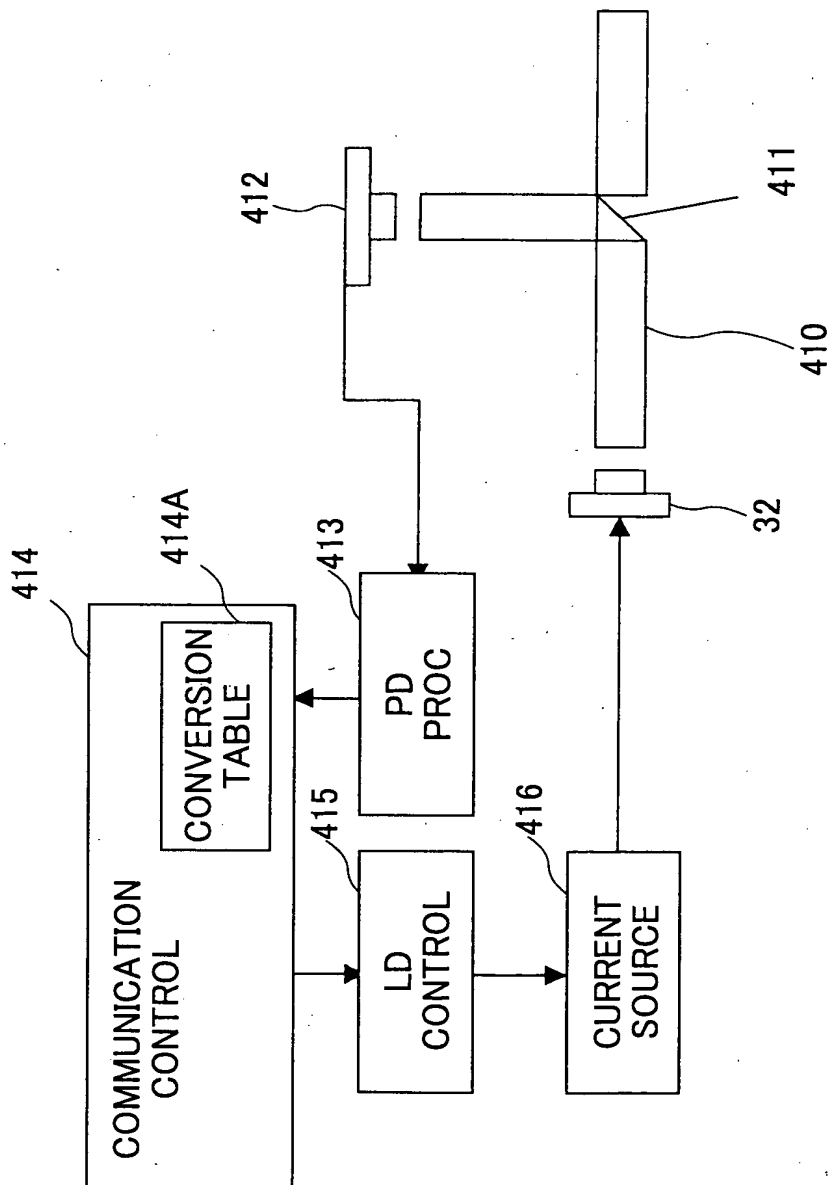


FIG.118

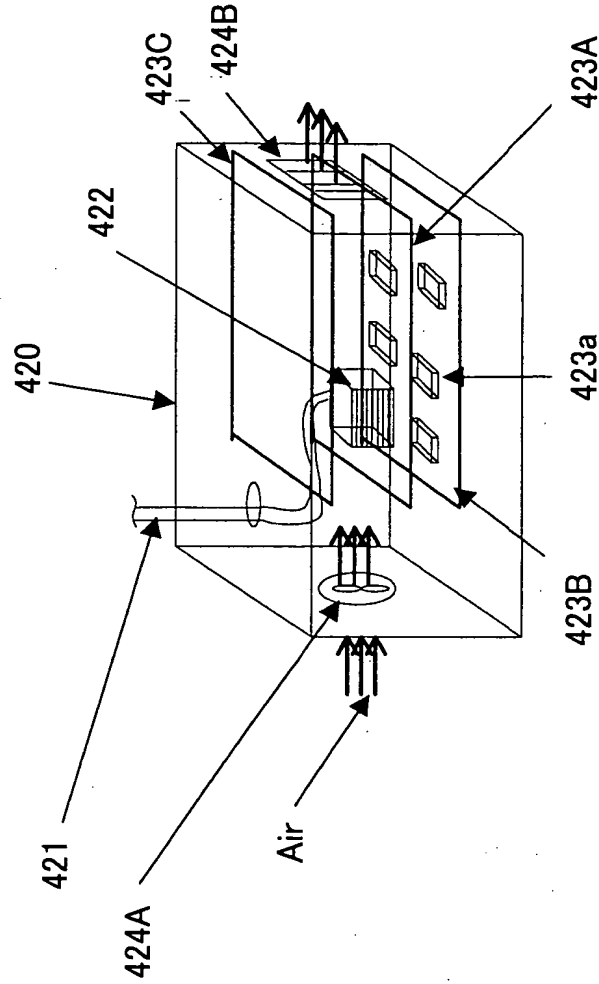


FIG.119

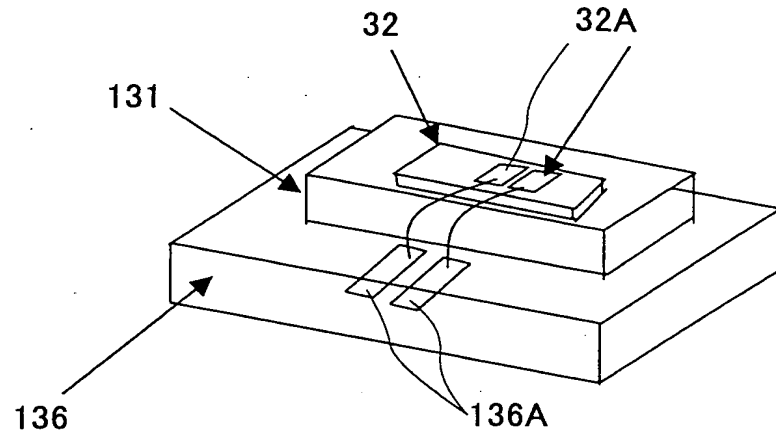


FIG.120

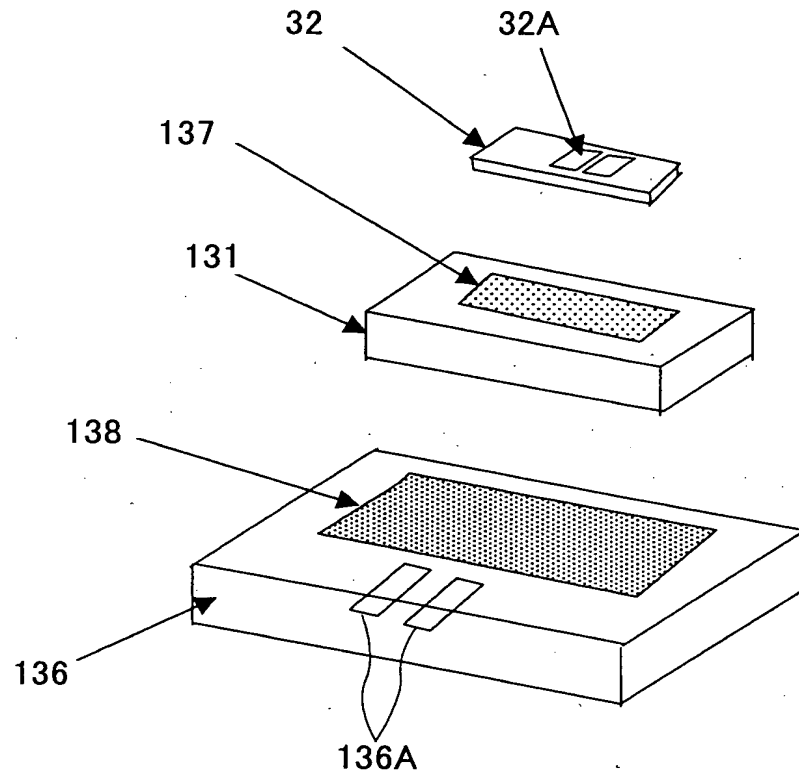


FIG.121

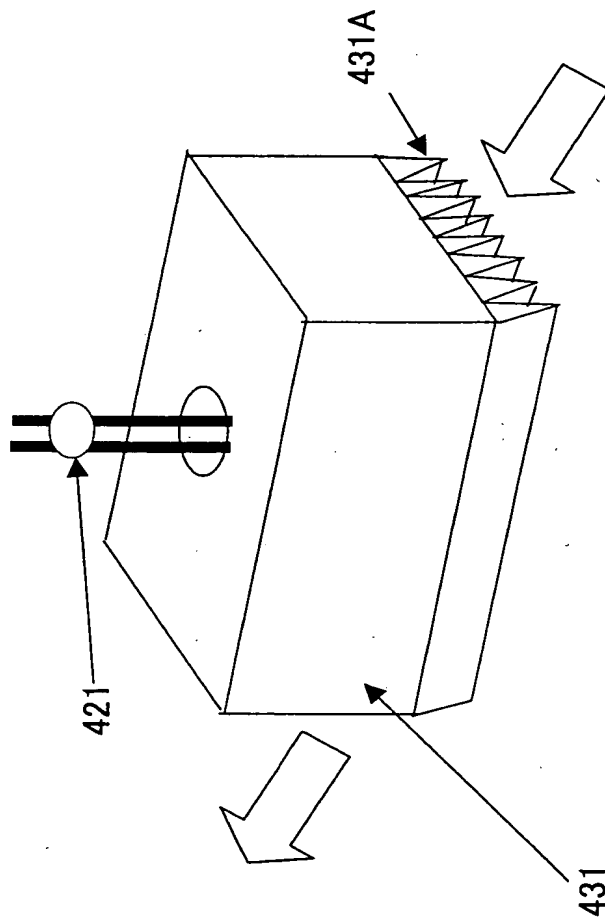


FIG.122

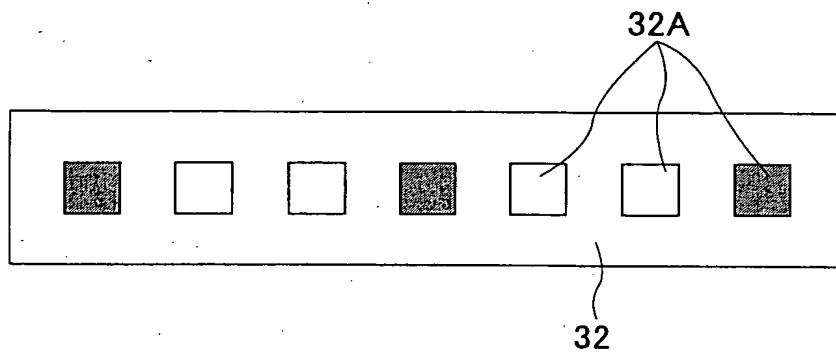
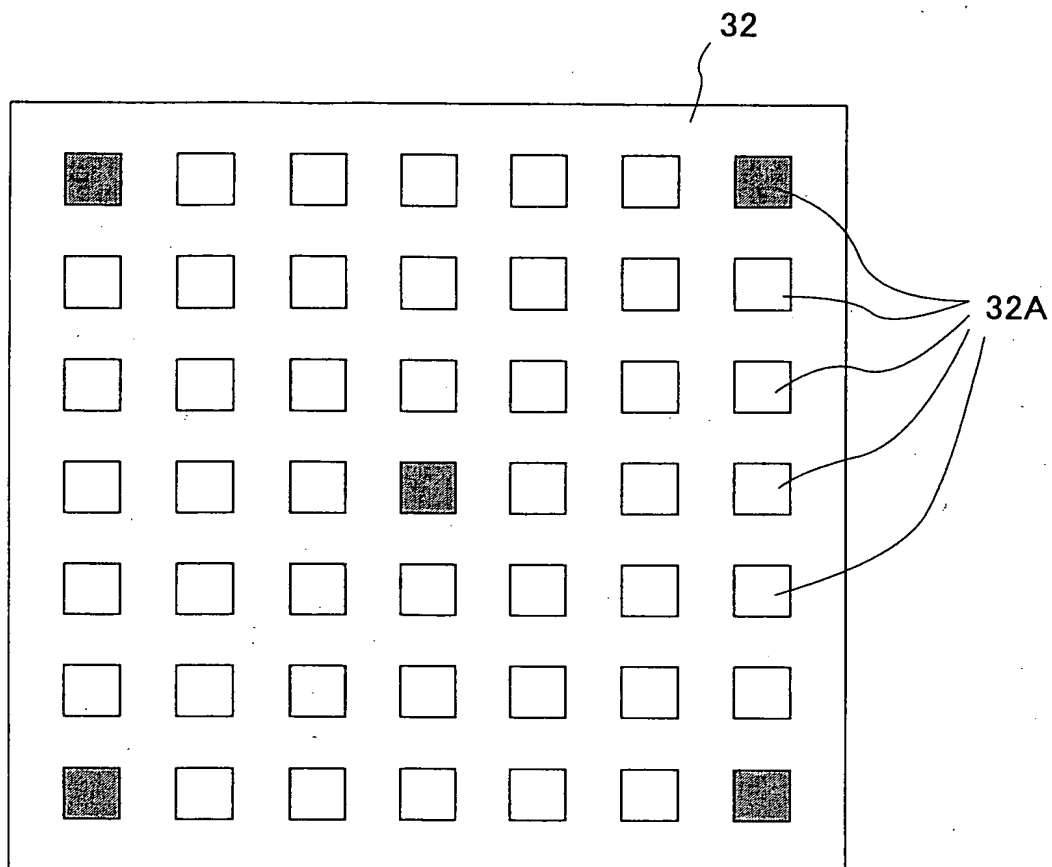


FIG.123



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FIG.124

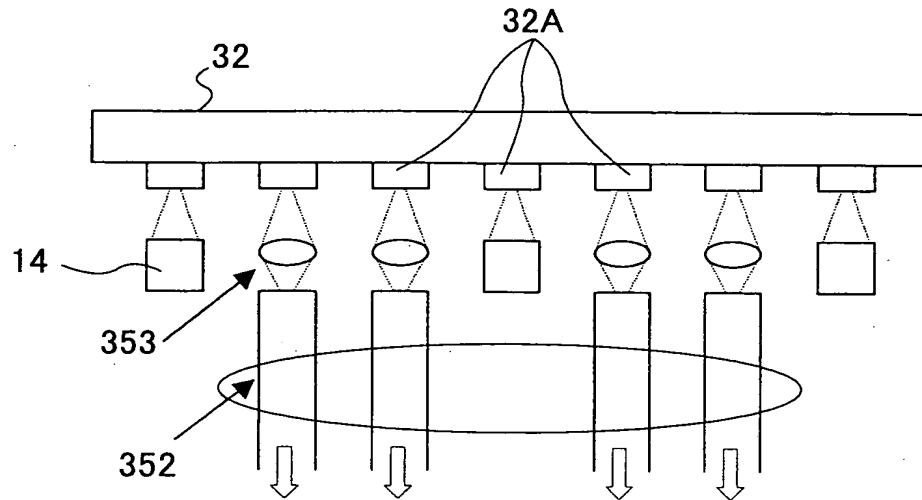


FIG.125

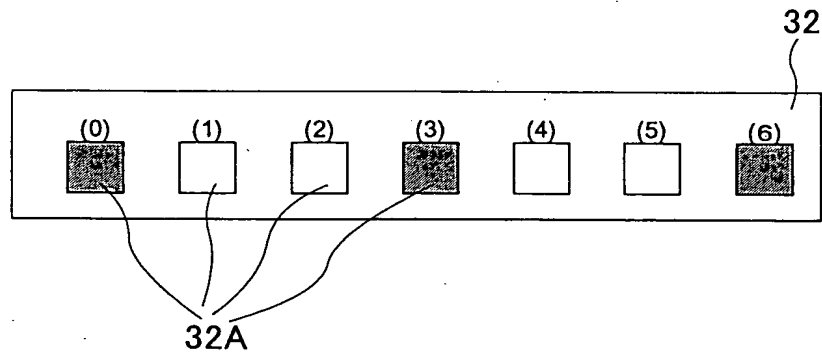


FIG.126

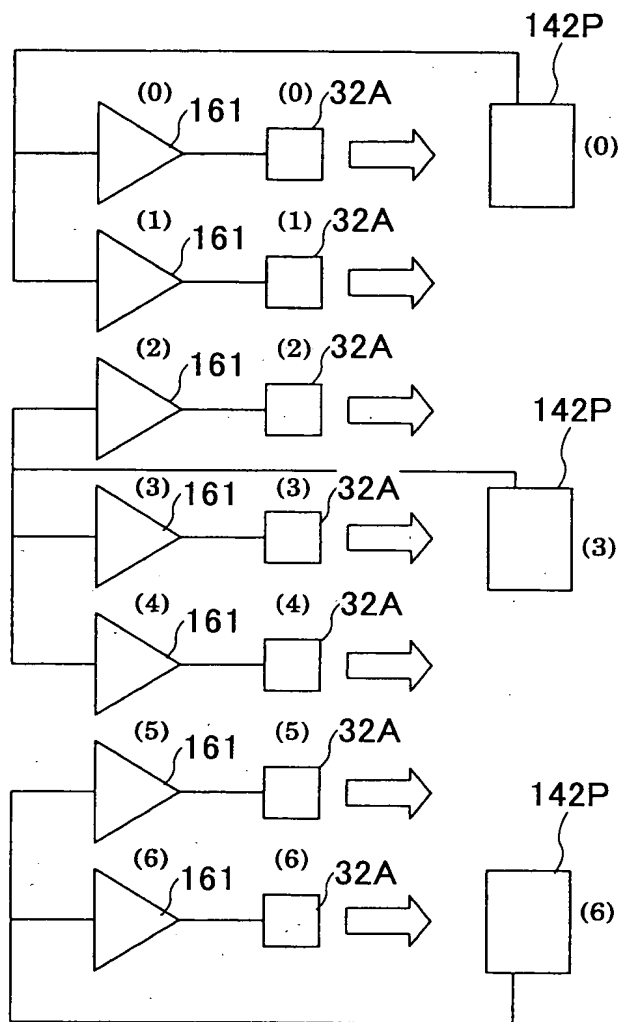


FIG.127

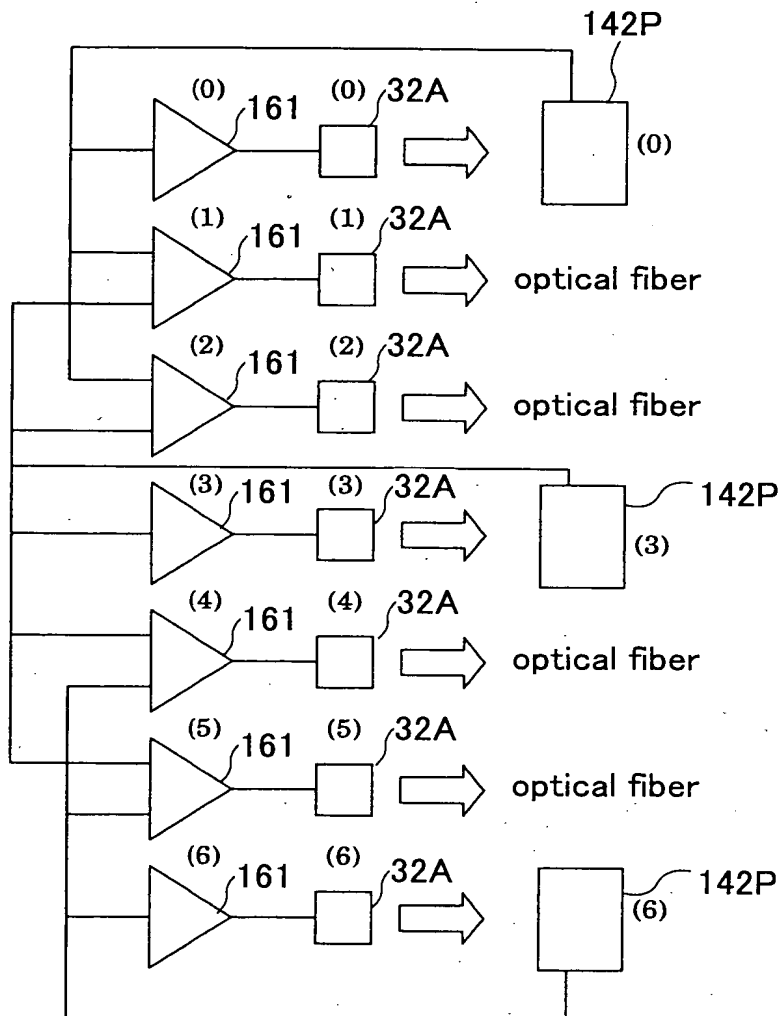


FIG.128

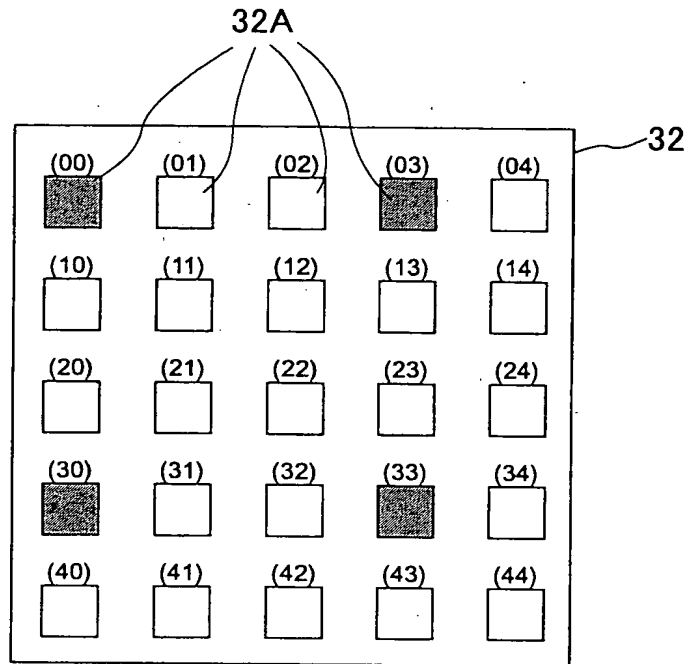


FIG.129

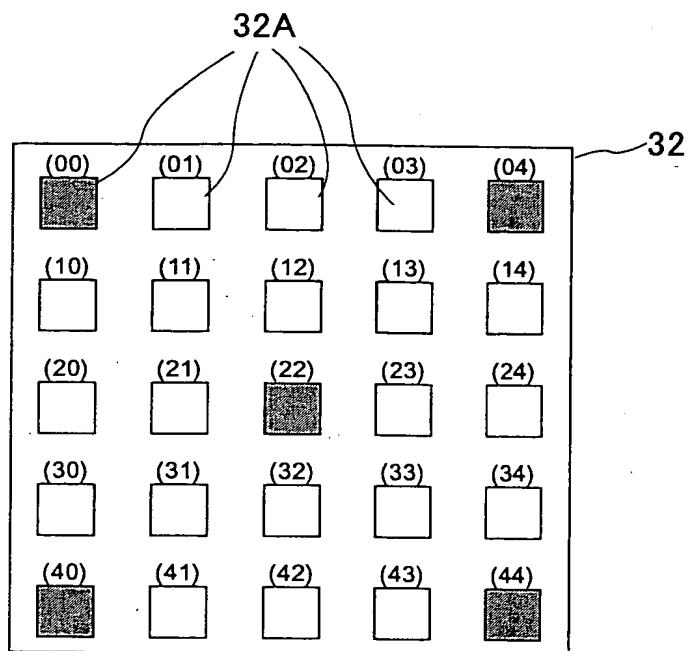


FIG.130

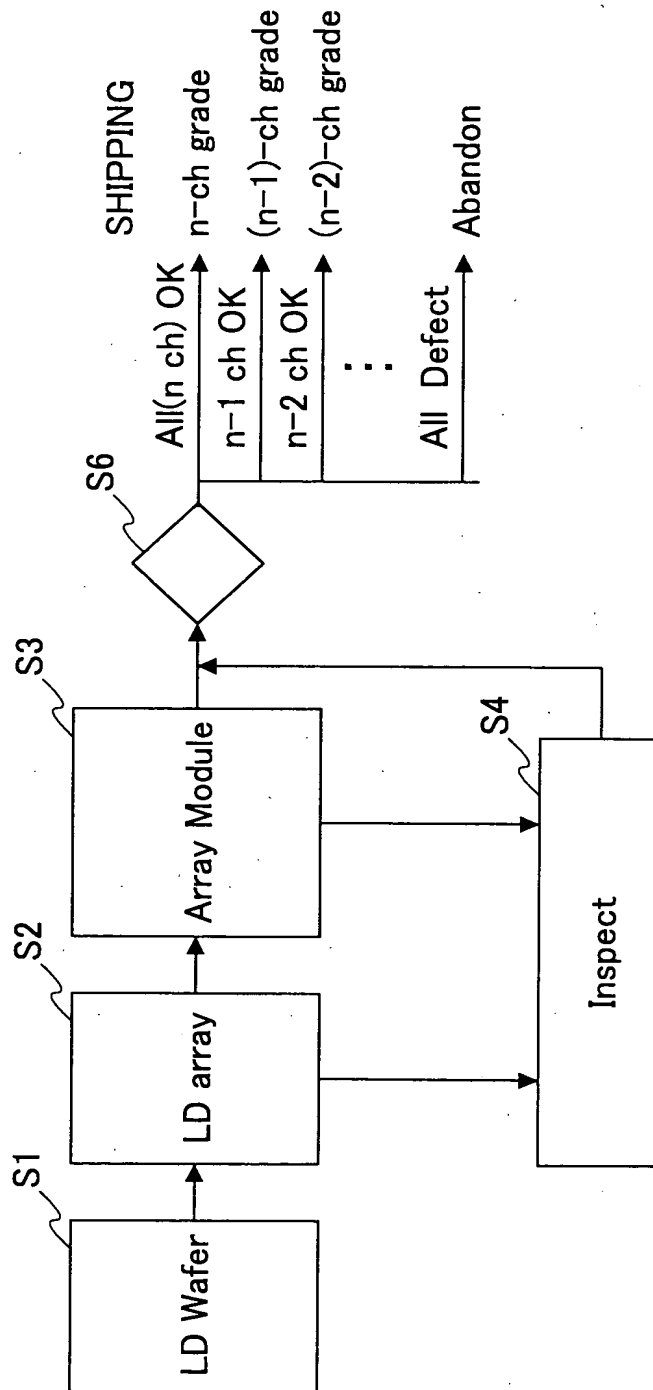


FIG.131

